

FEDERAL REGISTER

VOLUME 29 NUMBER 159



PART I

Washington, Friday, August 14, 1964

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UNITED STATES STATUTES AT LARGE

[88th Cong., 1st Sess.]

Contains laws and concurrent resolutions enacted by the Congress during 1963, reorganization plan, and Presidential proclamations. Included is a numerical listing of bills enacted into public and private law, and a guide to the legislative history of bills enacted into public law.

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Title 14—AERONAUTICS AND SPACE

Chapter I—Federal Aviation Agency

SUBCHAPTER F—AIR TRAFFIC AND GENERAL OPERATING RULES INEW1

[Reg. Docket No. 6097; Amdt. 387]

PART 97—STANDARD INSTRUMENT APPROACH PROCEDURES INEW1

Miscellaneous Amendments

The amendments to the standard instrument approach procedures contained herein are adopted to become effective when indicated in order to promote safety. The amended procedures supersede the existing procedures of the same classification now in effect for the airports specified therein. For the convenience of the users, the complete procedure is republished in this amendment indicating the changes to the existing procedures.

As a situation exists which demands immediate action in the interests of safety in air commerce, I find that compliance with the notice and procedure provisions of the Administrative Procedure Act is impracticable and that good cause exists for making this amendment effective within less than 30 days from publication.

In view of the foregoing and pursuant to the authority delegated to me by the Administrator (24 F.R. 5662), Part 97 [New] (14 CFR Part 97 [New]) is amended as follows:

1. By amending the following low or medium frequency range procedures prescribed in § 97.11(a) to read:

LFR STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
				T-dn.....	300-1	300-1	200-½
				T-dn-29.....	300-1	300-1	300-1
				C-dn*.....	500-1	500-1	500-1½
				A-dn.....	800-2	800-2	800-2

Procedure turn W side NW crs, 291° Outbnd, 111° Inbnd, 1700' within 10 miles.
Minimum altitude over facility on final approach crs, 700'.

Crs and distance, facility to airport, 111°—1.1 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 1.1 miles after passing KG LFR, climb on SE crs KG LFR to 3000' within 20 miles, or when directed by ATC, make right turn, climb on SW crs KG LFR to 1500' (205° Outbnd, 025° Inbnd) within 20 miles.

CAUTION: *Radio tower 26½—½ mile W of airport.

MSA: N, 1200'; E, 3500'; S, 1200'; W, 1300'.

City, King Salmon; State, Alaska; Airport Name, King Salmon; Elev., 57'; Fac. Class., SBRAZ; Ident., KG; Procedure No. 1, Amdt. 13; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 12; Dated, 22 Sept. 62

2. By amending the following automatic direction finding procedures prescribed in § 97.11(b) to read:

ADF STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
OSH VOR.....	FLD RBn.....	Direct.....	2600	T-dn.....	300-1	300-1	NA
Eden Int.....	FLD RBn.....	Direct.....	2600	C-d.....	700-1	700-1	NA
Calvary Int.....	FLD RBn.....	Direct.....	2600	C-n.....	700-2	700-2	NA
				A-dn.....	NA	NA	NA
				Following minimums apply after passing Eldorado Int.†			
				C-d.....	600-1	600-1	NA
				C-n.....	600-2	600-2	NA
				S-d-0.....	400-1	400-1	NA
				S-n-0.....	400-2	400-2	NA

Radar vectoring to final approach crs authorized in accordance with approved patterns.

Procedure turn S side of crs, 272° Outbnd, 092° Inbnd, 2200' within 10 miles.

Minimum altitude over facility on final approach crs, 1500'.

Facility on airport.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 0.0 mile of FLD RBn climb to 2800' on 092° bearing from FLD RBn within 10 miles then return to FLD RBn and hold E 272° Inbnd with right-hand turns.

NOTE: Aircraft on missed approach may be radar controlled after radar identification.

MSA: 000°-090°—2700'; 090°-360°—2300'.

†Eldorado Int: Int 272° bearing from FLD RBn and OSH VOR R-185.

City, Fond du Lac; State, Wis.; Airport Name, Fond du Lac County; Elev., 806'; Fac. Class., MHW; Ident., FLD; Procedure No. 1, Amdt. 1; Eff. Date, 22 Aug. 64; Sup. Amdt. No. Orig.; Dated, 27 June 64

ADF STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
MKE RBN.....	LOM.....	Direct.....	2100	T-dn.....	300-1	300-1	200-1/2
Racine Int.....	LOM.....	Direct.....	2100	C-dn.....	600-1	600-1	600-1 1/2
MKE VOR.....	LOM.....	Direct.....	2600	S-dn-1.....	500-1	500-1	500-1
Cardinal Int.....	LOM.....	Direct.....	2700	A-dn.....	800-2	800-2	800-2
Wind Lake Int.....	LOM.....	Direct.....	2300				
Horlick Int.....	LOM.....	Direct.....	2300				
Big Bend Int.....	LOM.....	Direct.....	2300				
Oakwood Int.....	LOM (final).....	Direct.....	1800				

Radar transitions to final approach crs authorized in accordance with approved patterns.

Procedure turn E side of crs, 186° Outbnd, 006° Inbnd, 2100' within 10 miles.

Minimum altitude over facility on final approach crs, 1800'.

Crs and distance, facility to airport, 006°—3.6 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 3.6 miles after passing LOM, climb to 2700' on 006° bearing from LOM, proceed direct to Cardinal Int or, when directed by ATC, climb to 2600' and proceed to MKE VOR via MKE R-110.

NOTE: Aircraft on missed approach may be radar controlled after radar identification.

MSA: 090°-270°—2200'; 270°-090°—2800'.

City, Milwaukee; State, Wis.; Airport Name, General Mitchell Field; Elev., 702'; Fac. Class., LOM; Ident., MK; Procedure No. 1, Amdt. 19; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 18; Dated, 13 June 64

PROCEDURE CANCELED EFFECTIVE 22 AUG. 1964.

City, Milwaukee; State, Wis.; Airport Name, General Mitchell Field; Elev., 702'; Fac. Class., SABH; Ident., MKE; Procedure No. 2; Amdt 1; Eff. Date, 23 May 64; Sup. Amdt. No. Orig.; Dated, 18 May 63 .

SAC VOR.....	LOM.....	Direct.....	1200	T-dn.....	300-1	300-1	200-1/2
Courtland Int.....	LOM (final).....	Direct.....	1200	C-dn.....	500-1	500-1	500-1 1/2
Walnut Grove Int.....	Courtland Int.....	Direct.....	2500	S-dn-2.....	500-1	500-1	500-1
Roseville Int.....	LOM.....	Direct.....	1600	A-dn.....	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.

Procedure turn S side of crs, 195° Outbnd, 015° Inbnd, 1200' within 10 miles.

Minimum altitude over facility on final approach crs, 1200'.

Crs and distance, facility to airport, 015°—4.0 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.0 miles after passing LOM, climb to 2500' on 015° crs from the LOM within 20 miles or, when directed by ATC, climb straight ahead to 500', turn left, climb to 2000' on crs of 328° from LOM within 20 miles.

Other change: Deletes Clarksburg FM and SO LFR transitions.

MSA: 000°-090°—3500'; 090°-180°—2500'; 180°-270°—3600'; 270°-360°—3300'.

City, Sacramento; State Calif; Airport Name, Sacramento Municipal; Elev., 21'; Fac. Class., LOM; Ident., SA; Procedure No. 1, Amdt. 10; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 9; Dated, 5 Jan. 63

TPA RBN.....	PI LOM.....	Direct.....	1500	T-dn.....	300-1	300-1	200-1/2
PIE VOR.....	PI LOM.....	Direct.....	1400	C-dn.....	600-1	600-1	600-1 1/2
Frances Int#.....	PI LOM (final).....	Direct.....	1300	S-dn-17.....	600-1	600-1	600-1
				A-dn.....	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.

Procedure turn W side of crs, 350° Outbnd, 170° Inbnd, 1400' within 10 miles.

Minimum altitude over facility on final approach crs, 1300'.

Crs and distance, facility to airport, 170°—4.3 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.3 miles after passing LOM, turn right, climbing to 1600' on crs of 270°, intercept and proceed out 220° bearing from PI LOM within 20 miles.

#Frances Int: Int PIE-18L N crs and 090° bearing to TP LOM or 0.6-mile DME fix on PIE VOR R-349.

MSA: 000-090°—1500'; 090°-180°—1900'; 180°-270°—1500'; 270°-360°—1300'.

City, St. Petersburg; State, Fla.; Airport Name, St. Petersburg-Clearwater International; Elev., 10'; Fac. Class., LOM; Ident., PI; Procedure No. 1, Amdt. 7; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 6; Dated, 17 Nov. 62

PIE VOR.....	LOM.....	Direct.....	1400	T-dn.....	300-1	300-1	200-1/2
TPA RBN.....	LOM.....	Direct.....	1600	C-dn.....	500-1	500-1	500-1 1/2
Wilson Int#.....	LOM (final).....	Direct.....	1200	S-dn-18L.....	400-1	400-1	400-1
				A-dn.....	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.

Procedure turn W side N crs, 001° Outbnd, 181° Inbnd, 1400' within 10 miles.

Minimum altitude over facility on final approach crs, 1200'.

Crs and distance, facility to airport, 181°—4.0 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.0 miles after passing LOM, turn right to 225°, climb to 1600' on crs of 285° from TPA RBN within 20 miles or, when directed by ATC, climb to 1600' on direct crs to TPA RBN.

AIR CARRIER NOTES: 200-1/2 absolute minimum for takeoff Runway 27.

CAUTION: 210' radio tower 1 mile WSW of airport.

#Wilson Int: Int N crs TPA ILS and PIE VOR R-039.

MSA: 000°-090°—1500'; 090°-180°—2100'; 180°-270°—1500'; 270°-360°—1300'.

City, Tampa; State, Fla.; Airport Name, Tampa International; Elev., 27'; Fac. Class., LOM; Ident., TP; Procedure No. 1, Amdt. 17; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 16; Dated, 22 June 63

PIE VOR.....	TPA RBN.....	Direct.....	1500	T-dn.....	300-1	300-1	200-1/2
				C-dn.....	500-1	500-1	500-1 1/2
				S-dn-36R.....	500-1	500-1	500-1
				A-dn.....	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.

Procedure turn S side of crs, 136° Outbnd, 316° Inbnd, 1500' within 10 miles. Nonstandard due to obstruction.

Minimum altitude over facility on final approach crs, 700'.

Crs and distance, facility to airport, 335°—4.9 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.9 miles after passing TPA RBN, turn right to 356° bearing from RBN, climb to 1500' within 20 miles or, when directed by ATC, turn right to 056° bearing from RBN, climb to 1500' within 20 miles.

CAUTION: 210' tower 1 mile WSW of airport.

AIR CARRIER NOTE: Takeoff Runway 27 below 200-1/2 not authorized.

MSA: 000°-090°—1900'; 090°-180°—2100'; 180°-270°—1500'; 270°-360°—1300'.

City, Tampa; State, Fla.; Airport Name, Tampa International; Elev., 27'; Fac. Class., SABH; Ident., TPA; Procedure No. 2, Amdt. 1; Eff. Date, 22 Aug. 64; Sup. Amdt. No. Orig.; Dated, 27 Aug. 62

ADF STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Shell Rock Int.-----	LOM (final)-----	Direct-----	2300	T-dn-----	300-1	300-1	200-1/2
New Hartford Int.-----	LOM-----	Direct-----	2300	C-dn-----	400-1	500-1	500-1 1/2
Waverly Int.-----	LOM-----	Direct-----	2300	S-dn-12-----	400-1	400-1	400-1
ALO VOR-----	LOM-----	Direct-----	2300	A-dn-----	800-2	800-2	800-2
Reinbeck Int.-----	LOM-----	Direct-----	2300				

Procedure turn W side of crs, 303° Outbnd, 123° Inbnd, 2300' within 10 miles.
 Minimum altitude over facility on final approach crs, 2300'.
 Crs and distance, facility to airport, 123°—4.5 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.5 miles after passing AL LOM, climb to 2500' on ALO VOR R-094 within 20 miles or, when directed by ATC, (1) climb to 2500' on ALO VOR R-141 within 20 miles, (2) climb to 2500' on 123° bearing from LOM within 15 miles.
 MSA: 000°-090°—2400'; 090°-180°—3100'; 180°-360°—2400'.

City, Waterloo; State, Iowa; Airport Name, Waterloo Municipal; Elev., 870'; Fac. Class., LOM; Ident., AL; Procedure No. 1, Amdt. 5; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 4; Dated, 30 Nov. 63

3. By amending the following very high frequency omnirange (VOR) procedures prescribed in § 97.11(c) to read:

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Helena LFR-----	HLN VOR-----	Direct-----	7500	T-d-----	500-2	500-2	500-2
				T-n-----	800-2	800-2	800-3
				C-d-----	1500-2	1500-2	1500-2
				C-n-----	1500-3	1500-3	1500-2
				A-d-----	1500-2	1500-2	1500-2
				A-n-----	1500-3	1500-3	1500-3

Procedure turn S side of crs, 070° Outbnd, 250° Inbnd, 7500' within 10 miles. Not authorized beyond 10 miles. Nonstandard due to terrain.
 Minimum altitude over facility on final approach crs, 5700'.
 Crs and distance, facility to airport, 240°—0.7 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 0.7 mile after passing HLN VOR, right climbing turn to 7500' on R-070 within 10 miles of HLN VOR.
 Other change: Deletes transition from McDonald Pass FM.
 MSA: 000°-090°—10,900'; 090°-180°—11,500'; 180°-270°—10,800'; 270°-360°—9600'.

City, Helena; State, Mont.; Airport Name, Helena City-County; Elev., 3873'; Fac. Class., BVOR; Ident., HLN; Procedure No. 1, Amdt. 2; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 1; Dated, 25 Feb. 61

KG-LFR-----	AKN VOR-----	Direct-----	1700	T-dn-----	300-1	300-1	200-1/2
				T-dn-29*-----	300-1	300-1	300-1
				C-dn-----	500-1	500-1	500-1 1/2
				S-dn-11*-----	500-1	500-1	500-1
				A-dn-----	800-2	800-2	800-2

Procedure turn S side of crs, 291° Outbnd, 111° Inbnd, 1700' within 10 miles.
 Minimum altitude over facility on final approach crs, 700'.
 Crs and distance, facility to airport, 111°—3.7 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 3.7 miles after passing VOR, climb on R-111 AKN VOR to 3000' within 20 miles, or when directed by ATC, make right turn, climb on SW crs KG LFR to 1500' (205° Outbnd, 025° Inbnd) within 20 miles.
 CAUTION: *Radio towers 262' one-half mile and 185' 1.1 miles W of airport.
 MSA: 000°-090°—3000'; 090°-180°—2000'; 180°-270°—1500'; 270°-360°—1600'.

City, King Salmon; State, Alaska; Airport Name, King Salmon; Elev., 87'; Fac. Class., BVOR; Ident., AKN; Procedure No. 1, Amdt. 3; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 2; Dated, 27 Oct. 62

				T-dn-----	300-1	300-1	200-1/2
				C-d-----	600-1	600-1	600-1 1/2
				C-n-----	600-2	600-2	600-2
				S-d-8-----	600-1	600-1	600-1
				A-dn-----	NA	NA	NA

Radar vectoring to final approach crs authorized in accordance with approved pattern.
 Procedure turn S side of crs, 265° Outbnd, 085° Inbnd, 2600' within 10 miles.
 Minimum altitude over facility on final approach crs 2500'.
 Crs and distance, facility to airport 085°—6.5 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 6.5 miles after passing MSP VOR, make left climbing turn to 2600' and return to the MSP VOR.
 NOTES: (1) Aireraft on missed approach may be radar controlled after radar identification. (2) Night takeoff and landings authorized N/S runway only.
 MSA: 000°-360°—2500'.

City, Minneapolis; State, Minn.; Airport Name, Anoka County; Elev., 908'; Fac. Class., BVORTAC; Ident., MSP; Procedure No. 1, Amdt. 2; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 1; Dated, 13 June 64

VOR STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition		Course and distance	Minimum altitude (feet)	Condition	Ceiling and visibility minimums		
From—	To—				2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Phoenix RBN	PHX VOR	Direct	4500	T-dn	300-1	300-1	200-1/2
Lake Int.	Falcon Int*	Direct	6000	C-dn	600-1	600-1	600-1 1/2
Falcon Int*	PHX VOR (final)	Direct	2700	A-dn	800-2	800-2	800-2

Procedure turn Teardrop side of crs, 032° Outbnd, turn right, 232° Inbnd, 4500' within 10 miles.
 Minimum altitude over facility on final approach crs, 2700', minimum altitude abeam RBN/Z, 1900'.
 Crs and distance, VOR to airport, 256°—5.5 miles; abeam RBN/Z to airport, 256°—1.0 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 5.5 miles after passing PHX VOR, climb to 4000' on R-258 within 20 miles or, when directed by ATC, climb to 3000' on R-258, make a right-climbing turn and return to VOR at 4500'.
 NOTE: Descend to authorized landing minimums only after passing PHX RBN or "Z" marker.
 CAUTION: Hills and tower 2957' 6 miles SSW of airport; 3312' terrain 15 miles ENE.
 Other change: Deletes transition from Lake Int to Apache Int.
 *Falcon Int: Int PHX R-052 and CZG R-360.
 MSA: 000°-090°—6100'; 090°-180°—5200'; 180°-360°—5600'.

City, Phoenix; State, Ariz.; Airport Name, Phoenix Sky Harbor Municipal; Elev., 1122'; Fac. Class., H-BVORTAC; Ident., PHX; Procedure No. 1, Amdt. 12; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 11; Dated, 18 May 63

Transition		Course and distance	Minimum altitude (feet)	Condition	Ceiling and visibility minimums		
From—	To—				2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Walnut Grove Int/DME fix	Courtland Int/DME fix	Direct	2500	T-dn	300-1	300-1	200-1/2
Roseville Int/DME fix	SAC VOR	Direct	1600	C-dn	500-1	500-1	500-1 1/2
Courtland Int/DME fix	SAC VOR (final)	Direct	1200	S-dn-2	500-1	500-1	500-1
				A-dn	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn S side of crs, 195° Outbnd, 015° Inbnd, 1200' within 10 miles.
 Minimum altitude over facility on final approach crs, 1200'.
 Crs and distance, facility to airport, 015°—4.4 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.4 miles after passing SAC VOR, climb to 2500' on R-020 within 20 miles of SAC VOR or, when directed by ATC, make climbing left turn and climb to 2000' on R-328 within 20 miles.
 MSA: 000°-090°—3500'; 090°-180°—2500'; 180°-270°—3600'; 270°-360°—3300'.

City, Sacramento; State, Calif.; Airport Name, Sacramento Municipal; Elev., 21'; Fac. Class., H-BVORTAC; Ident., SAC; Procedure No. 1, Amdt. 11; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 10; Dated, 5 Jan. 63

4. By amending the following terminal very high frequency omnirange (TerVOR) procedures prescribed in § 97.13 to read:

TERMINAL VOR STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition		Course and distance	Minimum altitude (feet)	Condition	Ceiling and visibility minimums		
From—	To—				2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Bradley Int.	CLT VOR	Direct	2900	T-dn	300-1	300-1	200-1/2
Weddington Int.	CLT VOR	Direct	2300	C-dn#	400-1	500-1	500-1 1/2
Bethany Int.	CLT VOR	Direct	2300	S-dn-5#	400-1	400-1	400-1
Waco Int.	CLT VOR	Direct	2900	A-dn#	800-2	800-2	800-2
Stanley Int.	CLT VOR	Direct	2900				

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn W side of crs, 225° Outbnd, 045° Inbnd, 1900' within 10 miles of Lake Int.*
 Minimum altitude over Lake Int* on final approach crs, 1700'.#
 Crs and distance, Lake Int* to airport, 045°—4.6 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.6 miles of Lake Int*, climb to 2300' on R-045 within 20 miles or, when directed by ATC, turn left, climb to 3000' on FML VOR R-007 to Mount Holly Int or turn right, climb to 2100' and proceed to FML VOR via R-007.
 *Lake Int: Int R-225 CLT VOR and bearing 315° to CL LOM or R-345 FML VOR, or 5.5-mile DME Fix R-225.
 #If Lake Int* not identified on final approach, descent below 1700' not authorized.
 MSA: 000°-090°—2900'; 090°-180°—2200'; 180°-270°—2700'; 270°-360°—2900'.

City, Charlotte; State, N.C.; Airport Name, Douglas Municipal; Elev., 748'; Fac. Class., L-VORTAC; Ident., CLT; Procedure No. TerVOR-5, Amdt. 1; Eff. Date, 22 Aug. 64; Sup. Amdt. No. Orig.; Dated, 5 Nov. 60

PROCEDURE CANCELED EFFECTIVE 22 AUG. 1964.

City, St. Petersburg; State, Fla.; Airport Name, St. Petersburg-Clearwater International; Elev., 10'; Fac. Class., BVORTAC; Ident, PIE; Procedure No. TerVOR-17, Amdt. 6; Eff. Date, 27 Oct. 62; Sup. Amdt. No. 5; Dated, 4 Nov. 61

PROCEDURE CANCELED EFFECTIVE 22 AUG. 1964.

City, Waterloo; State, Iowa; Airport Name, Municipal; Elev., 87'; Fac. Class., BVOR; Ident., ALO; Procedure No. TerVOR-6, Amdt. 2; Eff. Date, 15 Sept. 66; Sup. Amdt. No. 1; Dated, 5 Feb. 55

PROCEDURE CANCELED EFFECTIVE 22 AUG. 1964.

City, Waterloo; State, Iowa; Airport Name, Municipal; Elev., 870'; Fac. Class., BVORTAC; Ident., ALO; Procedure No. TerVOR-12, Amdt. 6; Eff. Date, 4 Feb. 61; Sup. Amdt. No. 5; Dated, 13 Dec. 63

PROCEDURE CANCELED EFFECTIVE 22 AUG. 1964.

City, Waterloo; State, Iowa; Airport Name, Municipal; Elev., 870'; Fac. Class., BVOR; Ident., ALO; Procedure No. TerVOR-18, Amdt. 4; Eff. Date, 12 Apr. 68; Sup. Amdt. No. 3; Dated, 10 Oct. 56

TERMINAL VOR STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
				T-dn-----	300-1	300-1	200-½
				C-dn-----	600-1	600-1	600-1½
				S-dn-24-----	600-1	600-1	600-1
				A-dn-----	800-2	800-2	800-2

Procedure turn N side of crs, 073° Outbnd, 253° Inbnd, 2100' within 10 miles.
 Minimum altitude over facility on final approach crs, 1500'.
 Facility on airport.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 0.0 mile of ALO VOR, climb to 2300' on R-236 within 10 miles.
 NOTE: When authorized by ATC DME may be used to position aircraft for straight-in approach at 2500' between R-300 clockwise to R-240 via 6-mile DME arc with the elimination of procedure turn.
 MSA: 090°-180°-3100'; 180°-090°-2400'.
 City, Waterloo; State, Iowa; Airport Name, Waterloo Municipal; Elev., 870'; Fac. Class., L-BVORTAC; Ident., ALO; Procedure No. TerVOR-24, Amdt. 3; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 2; Dated, 15 Sept. 56

PROCEDURE CANCELED EFFECTIVE 22 AUG. 1964.

City, Waterloo; State, Iowa; Airport Name, Municipal; Elev., 870'; Fac. Class., BVORTAC; Ident., ALO; Procedure No. TerVOR-30, Amdt. 3; Eff. Date, 4 Feb. 61; Sup. Amdt. No. 2; Dated, 19 Nov. 60

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
				T-dn-----	300-1	300-1	200-½
				C-dn-----	600-1	600-1	600-1½
				S-dn-38-----	600-1	600-1	600-1
				A-dn-----	800-2	800-2	800-2

Procedure turn E side of crs, 195° Outbnd, 015° Inbnd, 2300' within 10 miles.
 Minimum altitude over facility on final approach crs, 1500'.
 Facility on airport.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 0.0 mile of ALO VOR, climb to 2500' on R-348 within 10 miles.
 NOTE: When authorized by ATC, DME may be used to position aircraft for straight-in approach at 2500' between R-090 clockwise to R-305 via 6-mile DME arc with the elimination of procedure turn.
 MSA: 090°-180°-3100'; 180°-090°-2400'.
 City, Waterloo; State, Iowa; Airport Name, Waterloo Municipal; Elev., 870'; Fac. Class., L-BVORTAC; Ident., ALO; Procedure No. TerVOR-36, Amdt. 5; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 4; Dated, 4 Feb. 61

5. By amending the following very high frequency omnirange-distance measuring equipment (VOR/DME) procedures prescribed in § 97.15 to read:

VOR-DME STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
DLH VOR-----	8-mile DME Fix R-019-----	Direct-----	3000	T-dn-----	300-1	300-1	200-½
				C-d-----	400-1	500-1	500-1½
				C-r-----	400-1½	500-1½	500-1½
				S-dn-21-----	400-1	400-1	400-1
				A-dn-----	800-2	800-2	800-2

Radar vectoring to final approach crs authorized in accordance with approved patterns.
 Procedure turn N side of crs 019° Outbnd, 199° Inbnd, 2700' between 8- and 18-mile DME Fix R-019.
 Minimum altitude over 8-mile DME Fix R-019 on final approach crs, 2500'.
 Course and distance, 8-mile DME Fix R-019 to airport, 199°-4.9 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 3.1-mile DME Fix R-019, climb to 3000' on R-103 DLH VOR within 10 miles.
 NOTES: 1. Aircraft on missed approach may be radar controlled after radar identification. 2. When authorized by ATC, DLH DME may be used to position aircraft for straight-in approach at 2700' between R-320 CW to R-050 via 14-mile DME arc with the elimination of procedure turn.
 MSA: 000°-180°-3100'; 180°-270°-2700'; 270°-360°-2800'.
 City, Duluth; State, Minn.; Airport Name, Duluth International; Elev., 1420'; Fac. Class., BVORTAC; Ident., DLH; Procedure No. VOR/DME No. 1, Amdt. Orig.; Eff. Date, 22 Aug. 64

RULES AND REGULATIONS

VOR-DME STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
15-mile DME Fix R-072	10-mile DME Fix R-072	Direct	8100	T-dn*	300-1	300-1	300-1
10-mile DME Fix R-072	VOR (final)	Direct	7000	C-dn	700-1	700-1	700-1½
10-mile DME Fix R-134	10-mile DME Fix R-080	Via 10-mile orbit	8000	S-dn-23	500-1	500-1	500-1
10-mile DME Fix R-192	5-mile DME Fix R-192	Direct	8000	A-dn	800-2	800-2	800-2
5-mile DME Fix R-192	5-mile DME Fix R-080	Via 5-mile orbit	7500				
15-mile DME Fix R-219	FMN VOR	Direct	8000				
15-mile DME Fix R-243	FMN VOR	Direct	8000				
10-mile DME Fix R-314	FMN VOR	Direct	8000				
FMN VOR	3.5-mile DME Fix R-254	Direct	6200				
3.5-mile DME Fix R-254	5.9-mile DME Fix R-254	Direct	6000				

Procedure turn S side of crs, 080° Outbnd, 260° Inbnd, 8000' within 10 miles.
 Minimum altitude over facility on final approach crs 7000'.
 Crs and distance, facility to airport, 254°—5.9 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 5.9-mile DME Fix R-254, make left climbing turn to 8000', intercept and proceed to 15-mile DME Fix on R-243. Hold E, 4-mile legs, left turns or, when directed by ATC, make left climbing turn to 8000', proceed to FMN VOR and hold E on R-080 left turns.
 NOTE: Procedure turn nonstandard due higher terrain N.
 CAUTION: Terrain rises to 6000' between 2.0 and 3.0 miles NE of airport.
 *500-1 required for takeoffs on Runway 5.
 MSA: 000°-090°-9500'; 090°-180°-8500'; 180°-270°-8000'; 270°-360°-9500'.
 City, Farmington; State, N. Mex.; Airport Name, Farmington Municipal; Elev., 5502'; Fac. Class, H-BVORTAC; Ident., FMN; Procedure No. VOR/DME No. 1, Amdt. Orig.; Eff. Date, 22 Aug. 64

15-mile DME Fix R-192	15-mile DME Fix R-219	Via 15-mile orbit	8000	T-dn*	300-1	300-1	300-1
15-mile DME Fix R-219	15-mile DME Fix R-251	Via 15-mile orbit	7500	C-dn	700-1	700-1	700-1½
25-mile DME Fix R-243	20-mile DME Fix R-243	Direct	8000	S-dn-5	500-1	500-1	500-1
20-mile DME Fix R-243	20-mile DME Fix R-251	Via 20-mile orbit	8000	A-dn	800-2	800-2	800-2
20-mile DME Fix R-251	15-mile DME Fix R-251	Direct	8000				
15-mile DME Fix R-251	10.5-mile DME Fix R-251	Direct	6500				
10.5-mile DME Fix R-251	6.9-mile DME Fix R-251	Direct	6000				

Procedure turn S side of crs 251° Outbnd, 071° Inbnd, 8000' within 10 miles.
 Minimum altitude over 10.5-mile fix on final approach crs 6500'.
 Crs and distance, 10.5-mile fix to airport 071°—3.6 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 6.9-mile DME Fix R-251, climb to 8000' direct to FMN VOR, hold E on R-080, left turns.
 NOTE: When authorized by ATC, DME may be used within 20 miles between R-192 clockwise to R-251 at 8000' to position aircraft for final approach with the elimination of a procedure turn.
 CAUTION: Terrain rises to 6000' between 2.0 and 3.0 miles NE of airport.
 *500-1 required for takeoffs on runway 5.
 MSA: 000°-090°-9500'; 090°-180°-8500'; 180°-270°-8000'; 270°-360°-9500'.
 City, Farmington; State, N. Mex.; Airport Name, Farmington Municipal; Elev., 5502'; Fac. Class, H-BVORTAC; Ident., FMN; Procedure No. VOR/DME No. 2, Amdt. Orig.; Eff. Date, 22 Aug. 64

10-mile DME Fix R-265	0-mile DME Fix	Direct	2500	T-dn	300-1	300-1	200-½
				C-d	500-1	500-1	500-1½
				C-n	500-2	500-2	500-2
				S-d-8	500-1	500-1	500-1
				A-dn	NA	NA	NA

Radar vectoring to final approach crs authorized in accordance with approved patterns.
 Procedure turn S side of crs, 265° Outbnd, 085° Inbnd, 2600' within 10 miles.
 Minimum altitude over 3.0-mile DME Fix R-085 on final approach crs, 1500'.
 Crs and distance, 3.0-mile DME Fix R-085 to airport, 085°—3.5 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 6.5-mile DME Fix R-085, make left climbing turn to 2600' and return to the MSP VOR.
 NOTES: 1. Aircraft on missed approach may be radar controlled after radar identification. 2. Night takeoffs and landings authorized N/S runway only. 3. When authorized by ATC, DME may be used to position aircraft on final approach crs at 2600' between R-180 clockwise to R-335 via 6-mile DME arc with the elimination of procedure turn.
 MSA: 000°-360°-2500'.
 City, Minneapolis; State, Minn.; Airport Name, Anoka County; Elev., 908'; Fac. Class., BVORTAC; Ident., MSP; Procedure No. VOR/DME No. 1, Amdt. Orig.; Eff. Date, 22 Aug. 64

23-mile DME Fix R-020 (Roseville Int)	VOR	Direct	1600	T-dn	300-1	300-1	200-½
9-mile DME Fix R-194	VOR (final)	Direct	1200	C-dn	500-1	500-1	500-1½
				S-dn-2	500-1	500-1	500-1
				A-dn	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn S side of crs, 195° Outbnd, 015° Inbnd, 1200' within 10 miles.
 Minimum altitude over facility on final approach crs, 1200'.
 Crs and distance, facility to airport, 015°—4.4 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 4.4-mile DME Fix R-015, climb to 2500' on SAC VOR R-015 to the 20-mile DME Fix R-015.
 NOTE: When authorized by ATC, DME may be used within 15 miles at 2500' to position aircraft for straight-in approach with elimination of the procedure turn.
 MSA: 000°-090°-3500'; 090°-180°-2500'; 180°-270°-3600'; 270°-360°-3300'.
 City, Sacramento; State, Calif.; Airport Name, Sacramento Municipal; Elev., 21'; Fac. Class., BVORTAC; Ident., SAC; Procedure No. VOR/DME No. 1, Amdt. Orig.; Eff. Date, 22 Aug. 64

20-mile DME Fix R-020	20-mile DME Fix R-015	20 mile CCW	3500	T-dn	300-1	300-1	200-½
20-mile DME Fix R-015	11-mile DME Fix R-015	Direct	1800	C-dn	600-1	600-1	600-1½
11-mile DME Fix R-015	5.4-mile DME Fix R-015	Direct	600	S-dn-20	600-1	600-1	600-1
				A-dn	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn not authorized.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 5.4-mile DME Fix R-015, proceed direct to the SAC VOR climbing to 2000' on R-194 to the 9-mile DME Fix R-194 (Courtland Int).
 MSA: 000°-090°-3500'; 090°-180°-2500'; 180°-270°-3600'; 270°-360°-3300'.
 City, Sacramento; State, Calif.; Airport Name, Sacramento Municipal; Elev., 21'; Fac. Class., BVORTAC; Ident., SAC; Procedure No. VOR/DME No. 2, Amdt. Orig.; Eff. Date, 22 Aug. 64

VOR-DME STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
TPA Rbn-----	PIE VOR-----	Direct-----	1500	T-dn----- C-dn----- S-dn-17----- A-dn-----	300-1 700-1 700-1 800-2	300-1 700-1 700-1 800-2	200-1½ 700-1½ 700-1 800-2
				If aircraft equipped with operating DME and 2-into DME Fix R-342 identified, the following minimums are authorized:			
				C-dn----- S-dn-17#-----	400-1 400-1	500-1 400-1	500-1½ 400-1

Radar vectoring authorized in accordance with approved patterns.

Procedure turn W side of crs, 342° Outbnd, 162° Inbnd, 1400' within 10 miles.

Minimum altitude over facility on final approach crs 700'; if 2-mile DME Fix R-342 identified, 400'.

Crs. and distance breakoff point to Runway 17, 170°—0.4 mile.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 0.0 mile after passing PIE VOR, turn right, climb to 1600' on R-270 within 20 miles or, when directed by ATC, turn right, climb to 1600' on R-225 within 20 miles.

NOTE: When authorized by ATC, St. Petersburg DME may be used for orbiting aircraft from R-274 clockwise through R-039 from 12 to 8 miles at 1400' to position aircraft for a straight-in approach with the elimination of the procedure turn.

#400-½ authorized, except turbojet aircraft, with operative ALS and high-intensity runway lights.

MSA: 000°-090°—1500'; 090°-180°—2100'; 180°-270°—1500'; 270°-360°—1300'.

City, St. Petersburg; State, Fla.; Airport Name, St. Petersburg-Clearwater International; Elev., 10'; Fac. Class., BVORTAC; Ident., PIE; Procedure No. VOR/DME No. 1, Amdt. Orig.; Eff. Date, 22 Aug. 64

ALO VOR-----	4.0-mile DME fix R-115-----	Direct-----	3100	T-dn----- C-dn----- S-dn-30----- A-dn-----	300-1 400-1 400-1 800-2	300-1 500-1 400-1 800-2	200-½ 500-1½ 400-1 800-2
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Procedure turn E side of crs, 115° Outbnd, 295° Inbnd, 3100' between 4- and 14-mile DME Fix R-115.

Minimum altitude over 4.0-mile DME Fix R-115 on final approach crs 1900'.

Crs and distance, 4.0-mile DME Fix R-115 to airport, 295°—3.6 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished at 0.4-mile DME Fix R-115, climb to 3500' on R-304 to Shell Rock Int and hold NW 124° Inbnd with left turns.

NOTES: 1. When authorized by ATC, DME may be used to position aircraft for straight-in approach at 3100' between R-090 clockwise to R-240 via 10-mile DME arc with the elimination of procedure turn. 2. Final approach from holding pattern at 4.0-mile DME Fix R-115 not authorized. Procedure turn required.

MSA: 090°-180°—3100'; 180°-090°—2400'.

City, Waterloo; State, Iowa; Airport Name, Waterloo Municipal; Elev., 870'; Fac. Class., L-BVORTAC; Ident., ALO; Procedure No. VOR/DME No. 1, Amdt. Orig.; Eff. Date, 22 Aug. 64

6. By amending the following instrument landing system procedures prescribed in § 97.17 to read:

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Duluth VOR-----	LOM-----	Direct-----	3000	T-dn-----	300-1	300-1	200-½
Duluth RBN-----	LOM-----	Direct-----	3000	C-d-----	400-1	500-1	500-1½
Taft Int**-----	LOM-----	Direct-----	3000	C-n-----	400-1½	500-1½	500-1½
Bartlett#-----	LOM-----	Direct-----	3000	S-dn-9#s-----	300-1	300-1	300-1
Lakewood Int#-----	LOM-----	Direct-----	3000	A-dn-----	600-2	600-2	600-2
Palmer Int#-----	LOM-----	Direct-----	3000				

Radar vectoring to final approach crs authorized in accordance with approved patterns.

Procedure turn S side of final approach crs, 263° Outbnd, 083° Inbnd, 3000' within 10 miles.

Minimum altitude at glide slope interception Inbnd, 2800'.

Altitude of glide slope and distance to approach end of runway at LOM, 2733'—4.3 miles.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, climb to 3000' on E crs ILS within 15 miles.

CAUTION: 2049' tower approximately 4.3 miles SE of Duluth International Airport.

NOTES: 1. Aircraft on missed approach may be radar controlled after radar identification. 2. When authorized by ATC, DLH DME may be used to position aircraft for straight-in approach at 3000' between R-104 CW to R-281 via 11-mile DME arc with elimination of procedure turn.

*400-1 required with glide slope inoperative.

**Taft Int.: Int 360° bearing from DL LOM and R-320 DLH VOR.

#Bartlett Int.: Int 360° bearing from DL LOM and 322° bearing from DLH RBN.

#Lakewood Int.: Int 046° bearing from DLH RBN and E crs ILS or 083° bearing from DL LOM.

##Palmer Int.: Int R-047 DLH VOR and E crs ILS or 088° bearing from DL LOM.

\$No approach lights. No MM.

City, Duluth; State, Minn.; Airport Name, Duluth International; Elev., 1429'; Fac. Class., ILS; Ident., I-DLH; Procedure No. ILS-9, Amdt. 9; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 8; Dated, 27 June 64

RULES AND REGULATIONS

ILS STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
KG LFR	LOM	Direct	1700	T-dn	300-1	300-1	200-1/2
AKN VOR	LOM	Direct	1700	T-dn-29	300-1	300-1	300-1
				C-dn	500-1	500-1	500-1 1/2
				S-dn-11*	200-1/2	200-1/2	200-1/2
				A-dn	600-2	600-2	600-2

Procedure turn S side NW crs, 291° Outbd, 111° Inbd, 1700' within 10 miles.
 Minimum altitude at glide slope interception Inbd final, 1700'.
 Altitude of glide slope and distance to approach end of runway at OM, 1650'—4.8 miles; at MM, 290'—0.6 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, climb on SE crs ILS to 3000' within 20 miles or, when directed by ATC, turn right, proceed to LOM, climb on NW crs of ILS to 1700' within 20 miles of LOM or, turn right, climb on SW crs KG LFR to 1500' within 20 miles.
 NOTE: LFR located 1.1 miles NW approach end of runway; height of range towers is 185' MSL—135' above ground level.
 CAUTION: 282' radio tower 0.5 mile W of airport and 185' radio tower 1.1 miles W of airport.
 *300-1/2 required when glide slope not utilized. Descent below 433' not authorized until past KG-LFR; if KG-LFR not identified, minimum becomes 400-1.
 City, King Salmon; State, Alaska; Airport Name, King Salmon; Elev., 57'; Fac. Class., ILS; Ident., I-AKN; Procedure No. ILS-11, Amdt. 6; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 5; Dated, 16 Nov. 63

MKE RBn	LOM	Direct	2100	T-dn**	300-1	300-1	200-1/2
Big Bend Int	LOM	Direct	2300	C-dn	600-1	600-1	600-1 1/2
Racine Int	LOM	Direct	2100	S-dn-1'S	200-1/2	200-1/2	200-1/2
Cardinal Int	LOM	Direct	2700	A-dn	600-2	600-2	600-2
MKE VOR	LOM	Direct	2600				
Wind Lake Int	LOM	Direct	2300				
Horlick Int	LOM	Direct	2300				
Oakwood Int	LOM (final)	Direct	2000				

Radar transitions to final approach crs authorized in accordance with approved patterns.
 Procedure turn E side S crs, 186° Outbd, 006° Inbd, 2100' within 10 miles.
 Minimum altitude at glide slope interception Inbd, 2000'.
 Altitude of glide slope and distance to approach end of runway at OM, 1877'—3.6 miles; at MM, 929'—0.6 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, climb to 2700' on 006° bearing from LOM and proceed direct to the Cardinal Int or, when directed by ATC, climb to 2600' and intercept R-110 MKE VOR and proceed to MKE VOR.
 NOTE: Aircraft on missed approach may be radar controlled after radar identification.
 *Runway visual range 2600' is also authorized for landing on Runway 1, provided, that all components of the ILS, high-intensity runway lights, approach lights, condenser-discharge flashers, outer compass locator, and all related airborne equipment are operating satisfactorily. Descent below 902' shall not be made unless visual contact with the approach lights has been established or the aircraft is clear of clouds.
 **Runway visual range 2600' also authorized for takeoff on Runway 1 in lieu of 200-1/2 when 200-1/2 authorized, providing high-intensity runway lights are operational.
 †400-1/2 required when glide slope not utilized.
 City, Milwaukee; State, Wis.; Airport Name, General Mitchell Field; Elev., 702'; Fac. Class., ILS; Ident., I-MKE; Procedure No. ILS-1, Amdt. 20; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 19; Dated, 13 June 64

MKE VOR	Lake Park Int	Direct	2700	T-dn	300-1	300-1	200-1/2
MKE RBn	Lake Park Int	Direct	2700	C-dn	600-1	600-1	600-1 1/2
MK LOM	Lake Park Int	Direct	2700	S-dn-19	400-1	400-1	400-1
MWG VOR	Lake Park Int	Direct	2700	A-dn	800-2	800-2	800-2
Cardinal Int	Lake Park Int (final)	Direct	2400				

Radar transitions to final approach crs authorized according to approved patterns. Aircraft will be released for final approach without procedure turn on Inbd final approach crs at least 2 miles N of Lake Park Int.
 Procedure turn W side of crs, 006° Outbd, 186° Inbd, 2700' within 10 miles of Lake Park Int.
 No glide slope, outer or middle marker, and no approach lights.
 Minimum altitude over Lake Park Int on final approach crs, 2400'; over Harbor Int, 1900'.
 Crs and distance, Lake Park Int to airport, 186°—7.3 miles; Harbor Int to airport, 186°—4.5 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.5 miles after passing Harbor Int, climb to 2100' on S crs ILS within 10 miles of MKE LOM.
 NOTES: 1. Aircraft on missed approach may be radar controlled after radar identification. 2. This procedure authorized only for aircraft equipped to receive VOR and ILS simultaneously, unless radar controller advises passing Lake Park Int and Harbor Int.
 CAUTION: 787' power line 0.5 mile N of Runway 19.
 City, Milwaukee; State, Wis.; Airport Name, General Mitchell Field; Elev., 702'; Fac. Class., ILS; Ident., I-MKE; Procedure No. ILS-19, Amdt. 1; Eff. Date, 22 Aug. 64; Sup. Amdt. No. Orig.; Dated, 7 Sept. 63

Walnut Grove Int	Courtland Int	Direct	2500	T-dn	300-1	300-1	200-1/2
Courtland Int	LOM (final)	Direct	1200	C-dn	500-1	500-1	500-1 1/2
				S-dn-2*	200-1/2	200-1/2	200-1/2
				A-dn	600-2	600-2	600-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn S side of crs, 195° Outbd, 015° Inbd, 1200' within 10 miles.
 Minimum altitude at glide slope interception Inbd 1200'.
 Altitude of glide slope and distance to approach end of runway at OM 1169'—4.0 miles; at MM 213'—0.5 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, climb to 2500' on SAC ILS N crs within 20 miles or, when directed by ATC, climb straight ahead to 500', make left climbing turn and climb to 2000' on SAC VOR R-328 within 20 miles.
 Other change: Deletes transition from Clarksburg FM.
 *If glide slope not utilized, 400-1 required.
 City, Sacramento; State, Calif; Airport Name, Sacramento Municipal; Elev., 21'; Fac. Class., ILS; Ident., I-SAC; Procedure No. ILS-2, Amdt. 9; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 8; Dated, 6 Oct. 62

				T-dn	300-1	300-1	200-1/2
				C-dn	500-1	500-1	500-1 1/2
				S-dn-20	500-1	500-1	500-1
				A-dn	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.
 No procedure turn. Radar vectoring to final approach crs required.
 Minimum altitude over Parker Int* on final approach crs, 1800'.
 Crs and distance, Parker Int* to airport, 195°—6.0 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, climb to 2000' on the S crs of the SAC ILS localizer and hold S of the LOM in a 1-minute holding pattern, 015° Inbd, right turns.
 NOTE: Radar identification of Parker Int authorized (6-mile radar fix).
 *Parker Int: MHR R-241 and SAC ILS N crs.
 City, Sacramento; State, Calif; Airport Name, Sacramento Municipal; Elev., 21'; Fac. Class., ILS; Ident., I-SAC; Procedure No. ILS-20 (back crs), Amdt. 6; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 6; Dated, 6 July 63

ILS STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
PIE VOR.....	LOM.....	Direct.....	1400	T-dn.....	300-1	300-1	200-½
TPA RBN.....	LOM.....	Direct.....	1500	C-dn.....	%400-1	500-1	500-1½
Frances Int#.....	LOM (final).....	Direct.....	1300	S-dn-17*.....	200-½	200-½	200-½
				A-dn.....	600-2	600-2	600-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn W side of crs, 350° Outbnd, 170° Inbnd, 1400' within 10 miles.
 Minimum altitude at glide slope interception Inbnd, 1300'.
 Altitude of glide slope and distance to approach end of runway at OM, 1168'—4.3 miles; at MM, 189'—0.5 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, turn right, climb to 1600' on PIE VOR R-270 within 20 miles or, when directed by ATC, turn right and climb to 1600' on crs of 270°, intercept and proceed out 220° bearing from PI LOM within 20 miles.
 #Frances Int: Int PIE ILS N crs and 090° bearing to TP LOM or 9.0-mile DME Fix on PIE VOR R-349.
 *500-½ required when glide slope not utilized.
 % 500-1 required when glide slope not utilized.

City, St. Petersburg; State, Fla.; Airport Name, St. Petersburg-Clearwater International; Elev., 10'; Fac. Class., ILS; Ident., I-PIE; Procedure No. ILS-17, Amdt. 6; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 5; Dated, 2 Feb. 63

PIE VOR.....	Sawgrass Int*.....	Direct.....	1500	T-dn.....	300-1	300-1	200-½
Egmont Key RBN.....	Cindy Int#.....	Direct.....	1500	C-dn.....	400-1	500-1	500-1½
Cindy Int#.....	Sawgrass Int (Final)*.....	Direct.....	1300	S-dn-35#.....	400-1	400-1	400-1
				A-dn.....	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn W side of crs, 170° Outbnd, 350° Inbnd, 1500' within 10 miles of Sawgrass Int.*
 Minimum altitude over Sawgrass Int* on final approach crs, 1300'.
 Crs and distance, Sawgrass Int* to Runway 35, 350°—4.2 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.2 miles after passing Sawgrass Int* make left turn, climb to 1600' on the PIE VOR R-334 within 20 miles.
 *Sawgrass Int: Int PIE ILS S crs and 070° bearing to TPA RBN.
 #Cindy Int: Int PIE ILS S crs and 041° bearing to TPA RBN or 11-mile DME Fix on PIE VOR R-171.
 #400-½ authorized, except for turbojet aircraft, with operative high-intensity runway lights.

City, St. Petersburg; State, Fla.; Airport Name, St. Petersburg-Clearwater International; Elev., 10'; Fac. Class., ILS; Ident., I-PIE; Procedure No. ILS-35 (back crs), Amdt. 3; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 2; Dated, 17 Nov. 62

TPA Rbn.....	Dawson Int.....	Direct.....	1500	T-dn.....	300-1	300-1	200-½
PIE VOR.....	Dawson Int.....	Direct.....	1500	C-dn.....	500-1	500-1	500-1½
South Bay Int.....	Dawson Int (Final).....	Direct.....	1500	S-dn-36R#.....	400-1	400-1	400-1
Wilson Int%.....	Dawson Int.....	Direct.....	1500	A-dn.....	800-2	800-2	800-2

Radar vectoring authorized in accordance with approved patterns.
 Procedure turn E side of crs, 181° Outbnd, 001° Inbnd, 1500' within 10 miles of Dawson Int.
 Minimum altitude over Dawson Int on final approach crs, 1500'.
 Crs and distance, Dawson Int to Runway 36R, 001°—4.5 miles.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.5 miles after passing Dawson Int, climb to 1500' on N crs of ILS within 20 miles.
 CAUTION: 210' radio tower 1 mile WSW of airport.
 AIR CARRIER NOTE: 200-½ absolute minimum for takeoff Runway 27.
 %Wilson Int: Int N crs TPA-ILS and PIE VOR R-039.
 #400-½ authorized, except for turbojet aircraft, with operative high-intensity runway lights.

City, Tampa; State, Fla.; Airport Name, Tampa International; Elev., 27'; Fac. Class., ILS; Ident., I-TPA; Procedure No. ILS-36R (back crs), Amdt. 9; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 8; Dated, 17 Nov. 62

Shell Rock Int.....	LOM (final).....	Direct.....	2300	T-dn.....	300-1	300-1	200-½
New Hartford Int.....	LOM.....	Direct.....	2300	C-dn.....	400-1	500-1	500-1½
Waverly Int.....	LOM.....	Direct.....	2300	S-dn-12*.....	200-½	200-½	200-½
ALO VOR.....	LOM.....	Direct.....	2300	A-dn.....	600-2	600-2	600-2
Reinbeck Int.....	LOM.....	Direct.....	2300				

Procedure turn W side of crs, 303° Outbnd, 123° Inbnd, 2300' within 10 miles.
 Minimum altitude at glide slope interception Inbnd, 2300'.
 Altitude of glide slope and distance to approach end of runway at LOM, 2239'—4.5 miles; at LMM, 1060'—0.5 mile.
 If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, climb to 2500' on the ALO VOR R-094 within 20 miles or, when directed by ATC, (1) climb to 2500' on the ALO-VOR R-141 within 20 miles, (2) climb to 2500' on SE crs of ILS within 10 miles.
 NOTE: When authorized by ATC, ALO DME may be used to position aircraft for straight-in approach at 2300' between R-205 clockwise to R-350 via 12-mile DME arc with the elimination of procedure turn.
 *400-½ required when glide slope not utilized.

City, Waterloo; State, Iowa; Airport Name, Waterloo Municipal; Elev., 870'; Fac. Class., ILS; Ident., I-ALO; Procedure No. ILS-12, Amdt. 5; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 4; Dated, 29 Feb. 64

7. By amending the following radar procedures prescribed in § 97.19 to read:

RADAR STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet, MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If a radar instrument approach is conducted at the below named airport, it shall be in accordance with the following instrument procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of the Federal Aviation Agency. Initial approaches shall be made over specified routes. Minimum altitude(s) shall correspond with those established for en route operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when (A) visual contact is established on final approach at or before descent to the authorized landing minimums, or (B) at pilot's discretion if it appears desirable to discontinue the approach, except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when (A) communication on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controller; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

Transition		Ceiling and visibility minimums					
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
All sectors.....	Radar site.....	Within 7 miles.....	**1900	Surveillance approach			
All sectors.....	Radar site.....	Within 10-25 miles.....	2800				
All sectors.....	Radar site.....	Within 7-10 miles.....	*2400				
160° CW to 200°.....	Radar site.....	Within 7-14 miles.....	#2000				
				T-dn.....	300-1	300-1	200-½
				C-dn.....	600-1	600-1	600-1½
				S-dn-1 and 7R%.....	400-1	400-1	400-1
				S-dn-13, 19.....	500-1	500-1	500-1
				S-dn-25L and 31.....	600-1	600-1	600-1
				A-dn.....	800-2	800-2	800-2

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished: Runway 1—climb to 2700' on 006° bearing from MK LOM within 20 miles to the Cardinal Int. Runway 19—climb to 2100' on S crs ILS within 10 miles of MK LOM. Runways 7R-13—right turn climb to 2100' and proceed to LOM. Runways 25L-31—left turn climb to 2100' and proceed to LOM.

%Do not descend below 1200' on approach to Runway 1 until controller advises passing the AC Spark Plug Tower.
 *3-mile lateral separation required from 1720' tower 7.8 miles N of airport, 1735' tower 9.2 miles N of airport and 1540' tower 11 miles NW of airport.
 **3-mile lateral separation required from 1261' tower 4.8 miles N of airport, 1175' tower 6.1 miles NW of airport, 1050' tower 3.6 miles W of airport, 1266' towers 7 miles W of airport, 1141' stack 6.0 miles SSE of airport, 1720' tower 7.8 miles N of airport, 1735' tower 9.2 miles N of airport and 1091' tower 8 miles SW of airport.
 #3-mile lateral separation required from 1141' stack 6.0 miles SSE of airport.

City, Milwaukee; State, Wis.; Airport Name, General Mitchell Field; Elev., 702'; Fac. Class. and Ident., Milwaukee Radar; Procedure No. 1, Amdt. 11; Eff. Date, 22 Aug. 64; Sup. Amdt. No. 10; Dated, 22 June 63

These procedures shall become effective on the dates specified therein.

(Secs. 307(c), 313(a), and 601 of the Federal Aviation Act of 1958; 49 U.S.C. 1348(c), 1354(a), 1421; 72 Stat. 749, 752, 775)

Issued in Washington, D.C., on July 16, 1964.

G. S. MOORE,
 Director, Flight Standards Service.

[F.R. Doc. 64-7305; Filed, Aug. 13, 1964; 8:45 a.m.]

Title 5—ADMINISTRATIVE
 PERSONNEL

Chapter I—Civil Service Commission
 PART 213—EXCEPTED SERVICE
 Department of Agriculture

Section 213.3313 is amended to show that the position of Confidential Assistant to the Executive Assistant to the Secretary is excepted under Schedule C. Effective upon publication in the FEDERAL REGISTER, subparagraph (22) is added to paragraph (a) of § 213.3313 as set out below.

§ 213.3313 Department of Agriculture.

(a) Office of the Secretary. * * *
 (22) One Confidential Assistant to the Executive Assistant to the Secretary.

(R.S. 1753, sec. 2, 22 Stat. 403, as amended; 5 U.S.C. 631, 633; E.O. 10577, 19 F.R. 7521, 3 CFR, 1954-1958 Comp., p. 218)

UNITED STATES CIVIL SERVICE COMMISSION,
 [SEAL] MARY V. WENZEL,
 Executive Assistant to the Commissioners.

[F.R. Doc. 64-8216; Filed, Aug. 13, 1964; 8:47 a.m.]

Title 7—AGRICULTURE

Chapter VII—Agricultural Stabilization and Conservation Service (Agricultural Adjustment), Department of Agriculture

SUBCHAPTER C—SPECIAL PROGRAMS

[Amdt. 2]

PART 777—PROCESSOR WHEAT MARKETING CERTIFICATE REGULATIONS

Miscellaneous Amendments

Basis and purpose. The following amendment is issued pursuant to the Agricultural Adjustment Act of 1938, as amended, by the Food and Agricultural Act of 1962, and the Agricultural Act of 1964 and provides miscellaneous changes in the requirements of the Processor Wheat Marketing Certificate Regulations. The amendment clarifies the term "cracked wheat" wherever used to include wheat grits and adds flaked wheat to products similar to cracked, ground, crushed, or rolled wheat. It adds to the definition of nonfood products a product which in the course of the manufacture for a purpose of producing a food product becomes unsuitable for marketing as a food product, and is di-

verted from food marketing channels. It also exempts from certificate requirements wheat processed into food products by a food processor, educational institutions or other person, engaged in the processing of wheat in any installation for the primary purpose of student training, experimentation, research, analysis or testing, provided such products are not marketed or removed for sale or consumption. It excludes from the registration provisions any person who processes wheat in his own home for family use in his home. In addition, the amendment provides extension of time for the submission of the undertaking to secure the purchase and payment for certificates and of transition inventory reports, Form CCC-152 and Form CCC-153, and for use of transition certificates. Finally, the amendment provides additional conversion factors to be used in determining certificate liability. The conversion factor for rolled wheat has been changed to reflect historical data which has been obtained from the industry concerning the amount of wheat required to produce this product and which has come to the attention of the Department since publication of the original conversion factor.

Since these provisions must be acted on immediately, or are needed immediately in the administration of the regula-

tions, it is hereby found and determined that compliance with the notice, public procedure and 30-day effective date requirements of section 4 of the Administrative Procedure Act (60 Stat. 238; 5 U.S.C. 1003) is impracticable and contrary to the public interest and that this amendment shall be effective immediately.

The Processor Wheat Marketing Certificate Regulations are amended as follows:

1. In § 777.3:

a. Paragraph (b) (1) (v) is amended by changing the words "cracked, ground, crushed or rolled wheat" to read "cracked wheat (wheat grits), ground wheat, crushed wheat, rolled wheat or flaked wheat (toasted or untoasted, other than breakfast cereal)."

b. Paragraph (c) (2) is amended;

c. Paragraph (c) is amended by renumbering subparagraph (4) as subparagraph (5) and by the addition of a new subparagraph (4).

The amended and added portions of § 777.3 read as follows:

§ 777.3 Definitions.

(b) * * *

(1) * * *

(v) Cracked wheat (wheat grits), ground wheat, crushed wheat, rolled wheat or flaked wheat (toasted or untoasted, other than breakfast cereal)

(c) * * *

(2) Cracked wheat (wheat grits), ground wheat, crushed wheat, rolled wheat or flaked wheat (toasted or untoasted, other than breakfast cereal) or other similarly processed wheat designated by the Administrator to the extent that the total product of the wheat processed is used in or marketed as animal feed or other nonfood product specified in this paragraph.

(4) Any product being manufactured for food which in the course of processing becomes unsuitable for marketing as a food product and thereupon is actually diverted from food marketing channels and disposed of for nonfood purposes.

2. Section 777.4(b) is amended by changing the first sentence, and by adding a new subparagraph (4), to read as follows:

§ 777.4 Applicability of certificate requirements.

(b) Exemptions. Notwithstanding the foregoing, certificates shall not be required in the circumstances specified in the following subparagraphs:

(4) Processing by educational institutions or other persons for purposes of student training, experimentation, research, analysis or testing. An educational institution or other person engaged in the processing of wheat at any installation primarily for the purpose of student training, experimentation, research, analysis or testing shall not be required to acquire and surrender certifi-

icates on any wheat processed at the installation into a food product for any such purpose if the food product is not marketed or removed for sale or consumption. Food processing reports need not be submitted nor records maintained with respect to wheat exempt under this subparagraph or food products processed therefrom.

3. Section 777.5(a) is amended to change the first sentence to read as follows:

§ 777.5 Registration of processors.

(a) Time of registration. Any person who processes wheat, either into a food product or nonfood product, except a person who processes wheat solely for use on the farm where grown or an individual who processes wheat in his own home for family use in his home, shall register with the Director (see paragraph (1), § 777.3) by making the report required by paragraph (b) of this section by May 30, 1964, or such later date as may be approved by the Director in writing. * * *

4. Section 777.6 (d) and (e) is amended to read as follows:

§ 777.6 Transition.

(d) Transition certificates. Transition certificates shall be valid only to cover wheat processed into food products during the period July 1, 1964, through August 31, 1964, in the processing plant for which the certificates were issued, except that the Administrator may extend such period to the extent that it is established to his satisfaction that additional time is needed to use such transition certificates. Transition certificates may be used to cover wheat other than the class for which the processor qualified. The cost of such certificates shall be 18 cents per bushel. Transition certificates shall be issued by establishing certificate credits in favor of the processor in the accounts of CCC upon receipt by CCC of payment therefor.

(e) Submission of reports. (1) Any food processor who wishes to qualify for transition certificates must submit for each processing plant and for each class of wheat for which he wishes to qualify the following reports:

(i) Beginning Inventory Transition Report, Form CCC-152, together with supporting schedules, to be postmarked not later than June 26, 1964, or such later date as may be approved in writing by the Director for good cause shown.

(ii) Transition Operations Report, Form CCC-153, together with supporting schedules, to be postmarked not later than July 24, 1964, or such later date as may for good cause shown, be approved by the Director in writing. Forms and form preparation instructions may be obtained from the ASCS offices named in § 777.3(a). Completed forms shall be submitted to the Kansas City Commodity Office. Quantities shall be reported in bushels, excluding dockage. Completed forms shall contain all the information required on the forms and shall be prepared in accordance with instructions relating thereto.

§ 777.9 [Amended]

5. Section 777.9 is amended by changing the words "cracked, ground, crushed, rolled" wherever they appear to read, "cracked wheat (wheat grits), ground wheat, crushed wheat, rolled wheat or flaked wheat (toasted or untoasted, other than breakfast cereal)."

6. The third sentence of paragraph (b) of § 777.11 is amended to read as follows:

§ 777.11 Time and manner of acquiring and surrendering certificates.

(b) * * * "The undertaking shall apply to wheat processed into food products in each plant specified in Form CCC-147 beginning with the first day of the processing report period as determined under § 777.12 in which the undertaking was received by the Commodity Office, except that the undertaking shall apply to wheat processed beginning July 1, 1964, if the undertaking is received in the Commodity Office on or before August 25, 1964. If an undertaking has been filed it shall remain in effect for the balance of the marketing year unless the food processor breaches the undertaking or notifies CCC that he wishes to withdraw the undertaking in which events it shall expire at such time as may be determined by CCC. * * *

7. Section 777.12 is amended by adding a new paragraph (h) to read as follows:

§ 777.12 Food processing reports.

(h) Reports from persons engaged in the processing of wheat primarily for student training, experimentation, research analysis or testing. Notwithstanding the foregoing provision of this section, food processing reports are not required to be submitted with respect to any wheat processed at an installation by an educational institution or other person which processes wheat at the installation primarily for the purpose of student training, experimentation, research, analysis or testing during a processing report period if all the wheat processed during the period is exempt for the requirement for the acquisition of certificates under § 777.4(b) (4). If any wheat processed into food products during the report period is not so exempt, the food processor shall report on Form CCC-159 on a calendar month basis, the quantity of wheat processed into such food products. The name of such food products shall be entered on the form if not preprinted. If conversion factors are specified in § 777.14 for the food products not so exempt, the quantity of food products produced shall be entered in Item 7(a), the applicable conversion factor in Item 7(b), and the wheat equivalent in Item 7(c). If conversion factors are not so specified, the actual number of bushels used in the processing of the food products shall be entered in Item 7(c). Such person shall state in Item 8 "Wheat not exempt under § 777.4(b) (4) processed at an installation by a person engaged in the processing of wheat at such installation primarily for the pur-

pose of student training, experimentation, research, analysis or testing." The remaining items of the report shall be completed in accordance with Appendix 3.

8. Paragraph (c) of § 777.14 is amended to read as follows:

§ 777.14 Conversion factor basis of reporting.

(c) *Conversion factors.* For purposes of this section, the wheat equivalent of each food product named in column A shall be the number of bushels prescribed as the conversion factor for such product in column B.

A Food product	B Bushels of wheat-equivalent per 100 pounds of product (conversion factor)
Whole wheat flour or graham flour.....	1. 700
Flour (including clears) derived from conventional milling practices which are generally accepted in the milling industry in the United States as representing a 72 percent extraction operation	2. 283
Malted wheat flour	2. 075
Semolina	2. 283
Farina	2. 283
Bulgur	1. 916
Rolled wheat	1. 800
Cracked wheat (wheat grits), ground wheat, or crushed wheat	1. 700
Heavy bran, type A (extraction approximately 40 percent heavy bran and 50 percent flour) ¹	1. 310
Heavy bran, type B (extraction approximately 57 percent heavy bran and 32 percent flour) ¹	1. 640
Whole wheat cereal, including fines (extraction approximately 80 percent cereal and 13 percent fines) ²	2. 09
Wheat bits cereal, including fines (extraction approximately 68 percent cereal and 27 percent fines) ²	2. 44

¹ The flour produced is subject to the regular conversion factor applicable to a 72 percent extraction operation.

² When certificates are acquired for these products based on the conversion factors specified, certificates will be deemed to have been acquired for the fines derived in connection therewith.

(Secs. 379a to 379j, 52 Stat. 31, as amended by 76 Stat. 626 and 78 Stat. 178; 7 U.S.C. 1379a to 1379j)

Effective date: Date of filing with the Director, Office of the Federal Register. Conversion factors provided in this amendment shall apply in determining the quantity of wheat processed into food products beginning July 1, 1964, where food processors report on a food product conversion factor basis.

Signed at Washington, D.C. on August 12th, 1964.

CHARLES S. MURPHY,
Under Secretary.

[F.R. Doc. 64-8276; Filed, Aug. 13, 1964; 9:37 a.m.]

Chapter XIV—Commodity Credit Corporation, Department of Agriculture

SUBCHAPTER B—LOANS, PURCHASES, AND OTHER OPERATIONS

[C.C.C. Grain Price Support Regs., 1964-Crop Soybean Supp.]

PART 1421—GRAINS AND SIMILARLY HANDLED COMMODITIES

Subpart—1964-Crop Soybean Loan and Purchase Program

The General Regulations Governing Price Support for the 1964 and Subsequent Crops (29 F.R. 2686 and 7662) issued by the Commodity Credit Corporation which contain regulations of a general nature with respect to price support loan and purchase operations are supplemented for the 1964 crop of soybeans as follows:

Sec.	Purpose.
1421.2921	Availability.
1421.2922	Cooperative Marketing Associations.
1421.2923	Eligible soybeans.
1421.2924	Determination of quality.
1421.2925	Determination of quantity.
1421.2926	Warehouse receipts.
1421.2927	Service charges.
1421.2928	Warehouse charges.
1421.2929	Maturity of loans.
1421.2930	Support rates.
1421.2931	Support rates.

AUTHORITY: The provisions of this subpart issued under sec. 4, 62 Stat. 1070 as amended; 15 U.S.C. 714b. Interpret or apply sec. 5, 62 Stat. 1072, secs. 203, 301, 401, 63 Stat. 1054; 7 U.S.C. 1446(d), 1447, 1421.

§ 1421.2921 Purpose.

This subpart contains additional program provisions which, together with the applicable provisions of the General Regulations Governing Price Support for the 1964 and Subsequent Crops and any amendments thereto, apply to loans and purchases for 1964 crop soybeans.

§ 1421.2922 Availability.

Producers desiring price support must file an Application for Price Support (Form CCC-675) not later than January 31, 1965. Loans will be available through June 30, 1965.

§ 1421.2923 Cooperative marketing associations.

A cooperative marketing association which satisfies the requirements of this section shall be deemed an eligible producer and shall be eligible for price support on eligible soybeans through warehouse-storage loans and purchases: *Provided*, That warehouse-storage loans may be made to an association which tenders to CCC warehouse receipts issued by it on its own soybeans only in those States where the issuance and pledge of such warehouse receipts are valid under State law. An association desiring to qualify as an eligible producer shall submit its application for determination of eligibility to the State committee of the

State where the association's principal office is located no later than October 1, 1964. An approved, cooperative marketing association applying for price support on soybeans produced in more than one State shall make separate applications for the soybeans produced in each State. In the case of soybeans produced in a State with different county support rates, separate applications shall be made for the soybeans produced in each county.

(a) *Producer-owned and controlled.* The association must be a producer-owned cooperative marketing association of producers under the control of its producer-members. The association shall submit with its application a detailed statement of its method of operations showing the manner in which producer-members have control of the association.

(b) *Articles or bylaw provisions.* The articles of incorporation or association, or bylaws of the association, must provide for: (1) An annual membership meeting at a location which will provide reasonable opportunity for all members to attend and participate, (2) a notice of all district, area, or annual meetings to be given to all members affected by such meeting, (3) membership in the association to be open to all farmer-producers of soybeans except that producers may be denied membership on a reasonable basis, including among other reasons, that the membership of the farmer-producer would be inimical to the effective operation of the association, (4) voting on election of officers and directors by secret ballot when there have been more nominees than there are vacancies to be filled, (5) a single vote for each member, regardless of the number of shares of stock owned or controlled by him, or voting rights for each member based on his production of soybeans marketed by the association during the current year or a single preceding year, but whichever of the above-described methods of voting is practiced, it shall be uniform for all members of the association, and (6) each member receiving a summary financial statement prepared by the independent accountant who made the annual audit of the association. The requirements of subparagraphs (4), (5) and (6) of this paragraph may be provided for by resolution of the board of directors of the association.

(c) *Financial condition.* The association must be on a financially sound basis. The association shall submit with its application evidence establishing that its operation is on a financially sound basis.

(d) *Operations.* The association (1) must have been in existence and conducting legitimate marketing operations for its producer-members for a period of not less than two years prior to the date of its application, or (2) must submit evidence that it is so organized and

staffed as to provide effective marketing operations for its producer-members.

(e) *Conflict of interest.* The association must submit with its application a report concerning all transactions, except those which are no different than transactions entered into by the association with its general membership, for the year preceding the date of the application: (1) With any director, officer, or employee of the association and any of his close relatives, (2) with any partnership in which any such person or any of his close relatives are entitled to receive a percentage of the gross profits, (3) with any corporation in which any such person or any of his close relatives own stock, (4) with any business entity from which any such person or any of his close relatives received fees for transacting business with or on behalf of the association, or (5) with any business entity in which any agent, director, officer or employee of the association was an agent, director, officer or employee of such business entity. A close relative shall be deemed to refer to a husband or a wife of a person related as child, parent, brother, or sister by blood, adoption, or marriage and shall include in-laws within such categories of relationship. The report must include, but is not limited to, transactions involving purchases, sales, processing, handling, marketing, transportation, warehousing, insurance and related activities. A statement must also be submitted indicating whether any transactions of the kind described in this paragraph are contemplated in the period between the date of the application and October 1, 1965, and if such transactions are contemplated, a detailed statement of the reasons therefor. The association shall not be eligible for price support unless it establishes that any such transactions in the year preceding the date of application and during the period beginning with the date of application and ending on September 30, 1965, have not and will not operate to the detriment of members of the association.

(f) *Uniform marketing agreement.* All eligible soybeans which are delivered to the association by producer-members and which are included in a pool consisting in whole or in part of soybeans on which price support is obtained from CCC must be marketed through the association pursuant to a uniform marketing agreement between the association and each of its producer-members who deliver such eligible soybeans.

(g) *Purchased and non-member soybeans.* Soybeans purchased by a cooperative marketing association from producer-members who do not retain the right to share proportionately in the proceeds from marketing of the soybeans as provided in paragraph (1) of this section, and soybeans purchased or acquired from non-members are not eligible for price support.

(h) *Member business.* Not less than 30 percent of the soybeans marketed by the association must be produced by the producer-members. Soybeans purchased by the association from CCC shall not be considered in determining the volume of soybeans marketed for members and non-members.

(i) *Vested authority.* The association must have authority to obtain a loan on the security of the soybeans and give a lien thereon as well as authority to sell such soybeans.

(j) *Records maintained.* The association must maintain a record of the quantity of soybeans eligible for price support delivered to the association by eligible producer-members. Also, the association must maintain a record of the quantity of soybeans not eligible for price support, showing the source from which they are acquired by or delivered to the association; such record must show the disposition of the ineligible soybeans.

(k) *Physical inventory.* The association must keep in inventory at all times soybeans equivalent in quality and quantity to the quality and quantity of the soybeans shown on its outstanding warehouse receipts.

(l) *Distribution of proceeds.* The association may establish separate pools for soybeans acquired from its members. Proceeds of marketing of any pool which consists in whole or in part of soybeans on which price support is obtained from Commodity Credit Corporation must be distributed only to members participating in such pool on a proportionate basis according to the quantity, quality, and point of production of the soybeans delivered by each member which are included in such pool. All soybeans included in such a pool must be eligible for price support and must have been produced by eligible producers who are members of the association. Allocations of costs and expenses as between separate pools shall be made in accordance with sound accounting principles and practices. Any losses incurred by the association in marketing soybeans not included in a pool consisting in whole or in part of soybeans on which price support is obtained from Commodity Credit Corporation shall not be assessed against the proceeds of marketing of such a pool.

(m) *Inspection by CCC.* Soybeans held by the association must be available for inspection by CCC at all reasonable times as long as the association has soybeans under price support. The books and records of the association must be available to CCC for inspection at all reasonable times through September 30, 1970.

(n) *Member associations.* Notwithstanding the requirements of paragraph (a) of this section, a cooperative marketing association otherwise eligible for price support which includes in its membership other cooperative marketing associations composed of producer-members, shall be eligible for price support if its member associations meet the requirements for price support under this section. The requirements of paragraph (1) of this section shall be deemed to be satisfied if such member associations have the right to deliver soybeans of their producer-members to the association applying for price support and to authorize such association to sell the soybeans and to obtain a loan on the security of the soybeans and to give a lien thereon. The association applying for price support shall: (1) In its charter,

bylaws, marketing contracts or by other legal means require that its member associations meet the requirements for price support under this section, (2) submit the material and certifications required by paragraphs (c), (d) and (e) of this section with respect to each member association, (3) certify to CCC that its member associations are in fact eligible for price support under the requirements of this section, and (4) except for the requirement that it consist of producers, otherwise qualify for price support under this section.

(o) *Eligibility determinations.* Determinations with respect to the eligibility of cooperative marketing associations of producers under this section for either warehouse-storage loans or purchases or both, shall be made by the Executive Vice President, CCC.

(p) *Investigations.* The Commodity Credit Corporation shall have the right at any time after an application is received to examine all records and make such investigations deemed necessary to determine whether the cooperative is operating in accordance with its articles of incorporation, by laws, agreements with producers or member associations and with the representations made in its application.

(q) *Non-discrimination.* A cooperative association receiving price support is subject to the provisions of Title VI of the Civil Rights Act of 1964, and of any regulations issued thereunder. Accordingly, the association shall not, on the grounds of race, color or national origin, deny any producer membership in the association or subject any producer to discrimination in receiving benefits, privileges, and rights in the association. The United States shall have the right to enforce compliance therewith by suit or any other action authorized by law.

§ 1421.2924 Eligible soybeans.

(a) *General.* The soybeans may be of any class and must be merchantable for food or feed or for other uses as determined by CCC, and must not contain mercurial compounds or other substances poisonous to man or animals in order to be eligible for price support.

(b) *Warehouse stored loan grade requirements.* The soybeans must also meet the following requirements as a condition of eligibility for a warehouse-storage loan:

(1) The soybeans must grade No. 4 or better. Soybeans grading "Weevily" or containing in excess of 14 percent moisture shall not be eligible unless the provisions of subparagraphs (2) and (3) of this paragraph are complied with.

(2) Soybeans which grade "Weevily" are not eligible unless the warehouse receipt issued for such soybeans is accompanied by a supplemental certificate which provides for the delivery by the warehouseman of soybeans which do not grade "Weevily" and which are otherwise of an eligible grade and quality. When the warehouse receipt shows "Weevily", the grade, grading factors, and the quantity shown on the supplemental certificate must be as specified in § 1421.2927(c).

(3) Soybeans which contain in excess of 14 percent moisture are not eligible

unless the warehouse receipt issued for such soybeans is accompanied by a supplemental certificate which provides for the delivery by the warehouseman of soybeans containing not over 14 percent moisture and which are otherwise of an eligible grade and quality. The grade, grading factors and the quantity shown on the supplemental certificate must be as specified in § 1421.2927(c).

(4) Soybeans must not grade "Garlicky".

§ 1421.2925 Determination of quality.

The class, grade, grading factors and all other quality factors shall be based on the Official Grain Standards of the United States for soybeans, whether or not determinations are made on the basis of an official inspection.

§ 1421.2926 Determination of quantity.

When the quantity is determined by weight, a bushel shall be 60 pounds of soybeans. In determining the quantity of sacked soybeans by weight, a deduction of $\frac{3}{4}$ of a pound for each sack shall be made.

(a) *In warehouse.* The quantity of soybeans on which a warehouse storage loan shall be made and the quantity delivered to or acquired by CCC in an approved warehouse shall be the net weight specified on the warehouse receipt or on the supplemental certificate, if applicable. If the soybeans have been dried or blended to reduce the moisture content, the quantity specified on the warehouse receipt or the supplemental certificate, if applicable, shall represent the quantity after drying or blending, and such quantity shall reflect a minimum shrink in the receiving weight of 1.2 times the percentage difference between the moisture content of the soybeans when received, and 14 percent.

(b) *On farm.* The quantity eligible to be placed under farm storage loan shall be determined in accordance with § 1421.67. The quantity acquired by CCC from farm storage shall be determined by weight.

§ 1421.2927 Warehouse receipts.

Warehouse receipts tendered to CCC in connection with a loan or purchase must meet the requirements of this section.

(a) *Separate receipt.* A separate warehouse receipt must be submitted for each grade and class of soybeans. In the case of approved cooperative marketing associations, a separate warehouse receipt must be submitted for each county support rate at which price support is obtained.

(b) *Entries.* Each warehouse receipt or the warehouseman's supplemental certificate (in duplicate), properly identified with the warehouse receipt must show all of the following: (1) Gross weight and bushels, (2) class, (3) grade, (4) test weight, (5) moisture, (6) percentage of foreign material, and (7) any other grading factor(s) when such factor(s), and not test weight or moisture, determine the grade. In addition, for soybeans grading No. 3 or No. 4, the percentage of splits, total damage and heat damage must also be shown.

(c) *Where warehouse receipt shows "Weevily" and/or moisture over 14 percent.* Where a warehouse receipt tendered for loan shows the soybeans grade "Weevily" and/or contain over 14 percent moisture, the warehouse receipt must be accompanied by a supplemental certificate as provided in § 1421.2924(b) in order for the soybeans to be eligible for price support. The grade, grading factors, and the quantity to be delivered must be shown on the supplemental certificate as follows: (1) When the warehouse receipt shows "Weevily" and the soybeans have been conditioned to correct the "Weevily" condition, the supplemental certificate must show the same grade without the "Weevily" designation and the same grading factors and quantity as shown on the warehouse receipt; (2) when the warehouse receipt shows moisture over 14 percent and the soybeans have been dried or blended, the supplemental certificate must show the grade, grading factors, and quantity after drying or blending the soybeans to a moisture content of not over 14 percent. The quantity shown on the supplemental certificate shall reflect a drying or blending shrink as specified in § 1421.2926(a); (3) the supplemental certificate must state that no lien for processing will be claimed by the warehouseman from Commodity Credit Corporation or any subsequent holder of the warehouse receipt; (4) in the case of conditions specified in subparagraphs (1) and (2) of this paragraph, the grade, grading factors, and the quantity shown on the supplemental certificate shall supersede the entries for such items on the warehouse receipt.

(d) *Liens.* The warehouse receipts may be subject to liens for warehouse charges only to the extent indicated in § 1421.2929.

§ 1421.2928 Service charges.

A charge of one-half cent per bushel will be made for the quantity of soybeans acquired by CCC and such charge shall be handled in accordance with § 1421.60 (b).

§ 1421.2929 Warehouse charges.

(a) *Handling and storage liens.* Warehouse receipts and the soybeans represented thereby stored in approved warehouses operating under the Uniform Grain Storage Agreement may be subject to liens for warehouse handling and storage charges at not to exceed the Uniform Grain Storage Agreement rates from the date the soybeans are deposited in the warehouse for storage. Warehouse receipts and the soybeans represented thereby stored in approved warehouses operated by Eastern common carriers may be subject to liens for warehouse elevation (receiving and delivering) and storage charges from the date of deposit at rates approved by the Interstate Commerce Commission. In no event shall a warehouseman be entitled to satisfy the lien by sale of the soybeans when CCC is holder of the warehouse receipt.

(b) *Deduction of storage charges—U.G.S.A. warehouses.* The table shown below provides the deductions for stor-

age charges to be made from the amount of the loan or purchase price in the case of soybeans stored in approved warehouses operated under the Uniform Grain Storage Agreement. Such deduction shall be based on entries shown on the warehouse receipts. If written evidence is submitted with the warehouse receipt that all warehouse charges except receiving and loading out charges have been prepaid through the loan maturity date, no storage deduction shall be made. If such written evidence is not submitted, the beginning date to be used for computing the storage deduction on soybeans stored in warehouses operating under the Uniform Grain Storage Agreement shall be the latest of the following: (1) The date of deposit, (2) the date storage charges start, or (3) the day following the date through which storage charges have been paid. If none of the foregoing dates is shown, the date of the warehouse receipt shall be used.

SCHEDULE OF DEDUCTIONS FOR STORAGE CHARGES FOR MATURITY DATE OF JULY 31, 1965

Storage start date: ¹	Deduction (cents per bushel)
Prior to Aug. 29, 1964.....	13
Aug. 29—Sept. 24, 1964.....	12
Sept. 25—Oct. 21, 1964.....	11
Oct. 22—Nov. 17, 1964.....	10
Nov. 18—Dec. 14, 1964.....	9
Dec. 15, 1964—Jan. 10, 1965.....	8
Jan. 11—Feb. 6, 1965.....	7
Feb. 7—Mar. 5, 1965.....	6
Mar. 6—Apr. 1, 1965.....	5
Apr. 2—Apr. 28, 1965.....	4
Apr. 29—May 25, 1965.....	3
May 26—June 21, 1965.....	2
June 22—July 31, 1965.....	1

¹ All dates inclusive.

(c) *Deduction of storage charges—Eastern common carriers.* In the case of soybeans stored in an approved warehouse operated by an Eastern common carrier there shall be deducted in computing the loan or purchase price, the amount of the approved tariff rate for storage (not including elevation), which will accumulate from the date of deposit through the maturity date unless written evidence is submitted with the warehouse receipt that such charges have been prepaid. The county office shall request the ASCS commodity office to determine the amount of such charges. Where the producer presents evidence showing the elevation charges have been prepaid, the amount of the storage charges to be deducted shall be reduced by the amount of the elevation charges prepaid by the producer.

§ 1421.2930 Maturity of loans.

Loans mature on demand but not later than July 31, 1965.

§ 1421.2931 Support rates.

Farm-stored soybean loans shall be made at the basic county support rate for the county in which the soybeans were produced, adjusted for the Weed Control discount where applicable. The support rate for warehouse-storage loans and for soybeans acquired under a loan or by purchase shall be the basic support rate for the county in which the soybeans were produced adjusted by premiums and discounts shown in paragraphs (b) and

(c) of this section, and in the case of settlement of loans and purchases as further provided in § 1421.72.

(a) *Basic county support rates.* Basic county support rates for the classes Green Soybeans and Yellow Soybeans grading No. 2 and containing from 13.8 to 14.0 percent moisture are as follows:

ALABAMA

County	Rate per bushel
All counties	\$2.23

ARIZONA

All counties	\$2.11
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ARKANSAS

County	Rate per bushel	County	Rate per bushel
Arkansas	\$2.27	Lee	\$2.27
Ashley	2.25	Lincoln	2.26
Baxter	2.24	Little River	2.20
Benton	2.21	Logan	2.21
Boone	2.23	Lonoke	2.25
Bradley	2.25	Madison	2.22
Calhoun	2.24	Marion	2.23
Carroll	2.22	Miller	2.20
Chicot	2.25	Mississippi	2.27
Clark	2.23	Monroe	2.27
Clay	2.26	Montgomery	2.21
Cleburne	2.24	Nevada	2.22
Cleveland	2.25	Newton	2.23
Columbia	2.23	Ouachita	2.23
Conway	2.23	Perry	2.23
Craighead	2.27	Phillips	2.27
Crawford	2.20	Pike	2.21
Crittenden	2.27	Poinsett	2.27
Cross	2.27	Polk	2.20
Dallas	2.24	Pope	2.23
Desha	2.26	Prairie	2.26
Drew	2.25	Pulaski	2.24
Faulkner	2.24	Randolph	2.25
Franklin	2.21	St. Francis	2.27
Fulton	2.24	Saline	2.24
Garland	2.23	Scott	2.20
Grant	2.25	Searcy	2.23
Greene	2.26	Sebastian	2.20
Hempstead	2.21	Sevier	2.20
Hot Spring	2.24	Sharp	2.24
Howard	2.20	Stone	2.24
Independence	2.25	Union	2.24
Izard	2.24	Van Buren	2.23
Jackson	2.26	Washington	2.21
Jefferson	2.26	White	2.25
Johnson	2.22	Woodruff	2.26
Lafayette	2.21	Yell	2.22
Lawrence	2.25		

CALIFORNIA

All counties	\$2.11
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DELAWARE

All counties	\$2.23
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FLORIDA

All counties	\$2.20
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GEORGIA

All counties	\$2.22
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ILLINOIS

Adams	\$2.28	Du Page	\$2.31
Alexander	2.25	Edgar	2.31
Bond	2.30	Edwards	2.27
Boone	2.29	Effingham	2.31
Brown	2.28	Fayette	2.31
Bureau	2.28	Ford	2.31
Calhoun	2.28	Franklin	2.26
Carroll	2.28	Fulton	2.28
Cass	2.29	Gallatin	2.26
Champaign	2.31	Greene	2.29
Christian	2.31	Grundy	2.31
Clark	2.30	Hamilton	2.27
Clay	2.29	Hancock	2.28
Clinton	2.28	Hardin	2.26
Coles	2.31	Henderson	2.28
Cook	2.32	Henry	2.28
Crawford	2.29	Iroquois	2.31
Cumberland	2.31	Jackson	2.26
De Kalb	2.31	Jasper	2.30
De Witt	2.31	Jefferson	2.27
Douglas	2.31	Jersey	2.28

ILLINOIS—Continued

County	Rate per bushel	County	Rate per bushel
Jo Daviess	\$2.28	Perry	\$2.26
Johnson	2.25	Platt	2.31
Kane	2.31	Pike	2.28
Kankakee	2.31	Pope	2.26
Kendall	2.31	Pulaski	2.25
Knox	2.29	Putnam	2.28
Lake	2.31	Randolph	2.26
La Salle	2.31	Richland	2.29
Lawrence	2.28	Rock Island	2.28
Lee	2.28	St. Clair	2.27
Livingston	2.31	Saline	2.26
Logan	2.31	Sangamon	2.31
McDonough	2.28	Schuyler	2.28
McHenry	2.30	Scott	2.29
McLean	2.31	Shelby	2.31
Macon	2.31	Stark	2.29
Macoupin	2.30	Stephenson	2.28
Madison	2.29	Tazewell	2.30
Marion	2.29	Union	2.25
Marshall	2.30	Vermilion	2.31
Mason	2.29	Wabash	2.27
Massac	2.26	Warren	2.28
Menard	2.29	Washington	2.27
Mercer	2.28	Wayne	2.27
Monroe	2.26	White	2.26
Montgomery	2.30	Whiteside	2.28
Morgan	2.30	Will	2.31
Moultrie	2.31	Williamson	2.26
Ogle	2.28	Winnebago	2.28
Peoria	2.29	Woodford	2.30

INDIANA

Adams	\$2.25	Lawrence	\$2.25
Allen	2.26	Madison	2.24
Bartholomew	2.24	Marion	2.25
Benton	2.30	Marshall	2.26
Blackford	2.24	Martin	2.25
Boone	2.26	Miami	2.24
Brown	2.24	Monroe	2.25
Carroll	2.26	Montgomery	2.28
Cass	2.25	Morgan	2.25
Clark	2.23	Newton	2.30
Clay	2.26	Noble	2.26
Clinton	2.26	Ohio	2.23
Crawford	2.23	Orange	2.24
Daviess	2.25	Owen	2.25
Dearborn	2.23	Parke	2.27
Decatur	2.24	Perry	2.23
De Kalb	2.26	Pike	2.25
Delaware	2.24	Porter	2.29
Dubois	2.24	Posey	2.25
Elkhart	2.25	Pulaski	2.27
Fayette	2.24	Putnam	2.26
Floyd	2.23	Randolph	2.24
Fountain	2.29	Ripley	2.23
Franklin	2.24	Rush	2.24
Fulton	2.25	St. Joseph	2.26
Gibson	2.26	Scott	2.23
Grant	2.24	Shelby	2.24
Greene	2.26	Spencer	2.23
Hamilton	2.25	Starke	2.27
Hancock	2.24	Steuben	2.26
Harrison	2.23	Sullivan	2.27
Hendricks	2.25	Switzerland	2.23
Henry	2.24	Tippecanoe	2.28
Howard	2.25	Tipton	2.25
Huntington	2.25	Union	2.24
Jackson	2.24	Vanderburgh	2.25
Jasper	2.28	Vermillion	2.29
Jay	2.24	Vigo	2.28
Jefferson	2.23	Wabash	2.24
Jennings	2.23	Warren	2.29
Johnson	2.24	Warrick	2.24
Knox	2.26	Washington	2.23
Kosciusko	2.25	Wayne	2.24
Lagrange	2.26	Wells	2.25
Lake	2.30	White	2.28
La Porte	2.27	Whitley	2.26

IOWA

Adair	\$2.21	Boone	\$2.22
Adams	2.20	Bremer	2.22
Allamakee	2.22	Buchanan	2.24
Appanoose	2.22	Buena Vista	2.20
Audubon	2.21	Butler	2.22
Benton	2.25	Calhoun	2.21
Black Hawk	2.23	Carroll	2.21

IOWA—Continued

County	Rate per bushel	County	Rate per bushel
Cass	\$2.20	Louisa	\$2.25
Cedar	2.26	Lucas	2.22
Cerro Gordo	2.21	Lyon	2.18
Cherokee	2.19	Madison	2.21
Chickasaw	2.21	Mahaska	2.23
Clarke	2.21	Marion	2.23
Clay	2.20	Marshall	2.24
Clayton	2.23	Mills	2.19
Clinton	2.26	Mitchell	2.20
Crawford	2.20	Monona	2.19
Dallas	2.22	Monroe	2.22
Davis	2.23	Montgomery	2.19
Decatur	2.21	Muscataine	2.26
Delaware	2.24	O'Brien	2.19
Des Moines	2.25	Osceola	2.19
Dickinson	2.19	Page	2.19
Dubuque	2.24	Palo Alto	2.20
Emmet	2.19	Plymouth	2.18
Fayette	2.23	Pocahontas	2.20
Floyd	2.21	Polk	2.23
Franklin	2.22	Pottawattamie	2.19
Fremont	2.19	Poweshiek	2.24
Greene	2.21	Ringgold	2.20
Grundy	2.23	Sac	2.21
Guthrie	2.21	Scott	2.26
Hamilton	2.22	Shelby	2.20
Hancock	2.20	Sioux	2.18
Hardin	2.23	Story	2.23
Harrison	2.19	Tama	2.24
Henry	2.24	Taylor	2.20
Howard	2.20	Union	2.20
Humboldt	2.21	Van Buren	2.24
Ida	2.20	Wapello	2.23
Iowa	2.25	Warren	2.22
Jackson	2.26	Washington	2.24
Jasper	2.24	Wayne	2.22
Jefferson	2.24	Webster	2.22
Johnson	2.25	Winnebago	2.19
Jones	2.25	Winneshiek	2.21
Keokuk	2.24	Woodbury	2.19
Kossuth	2.20	Worth	2.20
Lee	2.25	Wright	2.22
Linn	2.25		

KANSAS

Allen	\$2.18	Linn	\$2.19
Anderson	2.19	Lyon	2.17
Atchison	2.19	Marion	2.16
Bourbon	2.18	Marshall	2.17
Brown	2.18	McPherson	2.15
Butler	2.16	Miami	2.19
Chase	2.16	Mitchell	2.15
Chautauqua	2.15	Montgomery	2.15
Cherokee	2.17	Morris	2.17
Clay	2.17	Nemaha	2.18
Cloud	2.16	Neosho	2.17
Coffey	2.18	Osage	2.18
Cowley	2.15	Osborne	2.14
Crawford	2.17	Ottawa	2.16
Dickenson	2.16	Pottawatomie	2.17
Doniphan	2.19	Reno	2.14
Douglass	2.19	Republic	2.16
Elk	2.16	Rice	2.14
Ellsworth	2.14	Riley	2.17
Franklin	2.19	Russell	2.14
Geary	2.17	Saline	2.15
Greenwood	2.17	Sedgwick	2.15
Harper	2.14	Shawnee	2.19
Harvey	2.15	Smith	2.14
Jackson	2.18	Sumner	2.14
Jefferson	2.19	Wabaunsee	2.18
Jewell	2.15	Washington	2.17
Johnson	2.19	Wilson	2.16
Kingman	2.14	Woodson	2.17
Labette	2.16	Wyandotte	2.19
Leavenworth	2.19	All other counties	2.13
Lincoln	2.15		

KENTUCKY

Ballard	\$2.25	Hickman	\$2.25
Carlisle	2.25	Livingston	2.25
Crittenden	2.25	McCracken	2.25
Daviess	2.25	Union	2.25
Fulton	2.25	All other counties	2.24
Henderson	2.25		

RULES AND REGULATIONS

LOUISIANA

County	Rate per bushel	County	Rate per bushel
East Carroll	\$2.25	All other counties	\$2.24
Morehouse	2.25		
West Carroll	2.25		

MARYLAND

All counties	\$2.23
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MICHIGAN

County	Rate per bushel	County	Rate per bushel
Allegan	\$2.20	Lapeer	\$2.20
Arenac	2.18	Lenawee	2.25
Barry	2.20	Livingston	2.22
Bay	2.18	Macomb	2.22
Berrien	2.24	Mecosta	2.18
Branch	2.24	Midland	2.18
Calhoun	2.22	Monroe	2.25
Cass	2.23	Montcalm	2.19
Clare	2.18	Muskegon	2.18
Clinton	2.20	Newaygo	2.18
Eaton	2.21	Oakland	2.22
Genesee	2.20	Oceana	2.18
Gladwin	2.18	Ottawa	2.19
Gratiot	2.19	Saginaw	2.19
Hillsdale	2.25	St. Clair	2.21
Huron	2.18	St. Joseph	2.23
Ingham	2.22	Sanilac	2.19
Ionia	2.20	Shiawassee	2.20
Isabella	2.18	Tuscola	2.19
Jackson	2.23	Van Buren	2.21
Kalamazoo	2.21	Washtenaw	2.23
Kent	2.19	Wayne	2.23

MINNESOTA

County	Rate per bushel	County	Rate per bushel
Aitkin	\$2.14	Mille Lacs	\$2.16
Anoka	2.18	Morrison	2.15
Becker	2.12	Mower	2.20
Benton	2.16	Murray	2.17
Big Stone	2.15	Nicollet	2.18
Blue Earth	2.19	Nobles	2.18
Brown	2.18	Norman	2.12
Carver	2.18	Olmsted	2.20
Cass	2.13	Otter Tail	2.13
Chippewa	2.16	Pennington	2.12
Chisago	2.18	Pine	2.16
Clay	2.12	Pipestone	2.17
Clearwater	2.12	Polk	2.12
Cottonwood	2.18	Pope	2.15
Crow Wing	2.14	Ramsey	2.19
Dakota	2.19	Red Lake	2.12
Dodge	2.20	Redwood	2.17
Douglas	2.14	Renville	2.17
Faribault	2.19	Rice	2.20
Fillmore	2.20	Rock	2.17
Freeborn	2.20	Roseau	2.11
Goodhue	2.20	Scott	2.19
Grant	2.14	Sherburne	2.18
Hennepin	2.19	Sibley	2.18
Houston	2.20	Stearns	2.16
Hubbard	2.12	Steele	2.20
Isanti	2.18	Stevens	2.15
Jackson	2.18	Swift	2.16
Kanabec	2.17	Todd	2.14
Kandiyohi	2.16	Traverse	2.14
Kittson	2.11	Wabasha	2.20
Lac qui Parle	2.16	Wadena	2.13
Le Sueur	2.19	Waseca	2.19
Lincoln	2.17	Washington	2.19
Lyon	2.17	Watsonwan	2.19
McLeod	2.18	Wilkin	2.13
Mahnomen	2.12	Winona	2.20
Marshall	2.11	Wright	2.18
Martin	2.19	Yellow Medicine	2.16
Meeker	2.17		

MISSISSIPPI

County	Rate per bushel	County	Rate per bushel
Benton	\$2.25	Quitman	\$2.27
Bolivar	2.27	Sharkey	2.26
Calhoun	2.25	Sunflower	2.27
Coahoma	2.27	Tallahatchie	2.26
De Soto	2.27	Tate	2.26
Grenada	2.25	Tunica	2.27
Humphreys	2.26	Washington	2.27
Issaquena	2.26	Yalobusha	2.25
Lafayette	2.25	Yazoo	2.25
Leflore	2.26	All other counties	2.24
Marshall	2.26		
Panola	2.26		

MISSOURI

County	Rate per bushel	County	Rate per bushel
Adair	\$2.23	Linn	\$2.22
Andrew	2.20	Livingston	2.21
Atchison	2.20	McDonald	2.18
Audrain	2.25	Macon	2.23
Barry	2.18	Madison	2.22
Barton	2.18	Maries	2.21
Bates	2.20	Marion	2.26
Benton	2.20	Mercer	2.21
Bollinger	2.24	Miller	2.21
Boone	2.23	Mississippi	2.27
Buchanan	2.20	Moniteau	2.22
Butler	2.25	Monroe	2.25
Caldwell	2.20	Montgomery	2.23
Callaway	2.23	Morgan	2.21
Camden	2.21	New Madrid	2.27
Cape Girardeau	2.25	Newton	2.18
Carroll	2.21	Nodaway	2.20
Carter	2.23	Oregon	2.21
Cass	2.20	Osage	2.22
Cedar	2.19	Ozark	2.20
Chariton	2.22	Pemiscot	2.27
Christian	2.19	Perry	2.23
Clark	2.25	Pettis	2.21
Clay	2.20	Phelps	2.21
Clinton	2.20	Pike	2.25
Cole	2.22	Platte	2.20
Cooper	2.22	Polk	2.20
Crawford	2.22	Pulaski	2.21
Dade	2.18	Putnam	2.22
Dallas	2.20	Ralls	2.26
Davless	2.20	Randolph	2.23
De Kalb	2.20	Ray	2.20
Dent	2.21	Reynolds	2.21
Douglas	2.20	Ripley	2.23
Dunklin	2.27	St. Charles	2.24
Franklin	2.23	St. Clair	2.20
Gasconade	2.22	St. Francois	2.23
Gentry	2.20	St. Louis	2.24
Greene	2.19	Ste. Genevieve	2.23
Grundy	2.21	Saline	2.21
Harrison	2.20	Schuyler	2.23
Henry	2.20	Scotland	2.24
Hickory	2.20	Scott	2.26
Holt	2.20	Shannon	2.21
Howard	2.22	Shelby	2.25
Howell	2.21	Stoddard	2.26
Iron	2.21	Stone	2.19
Jackson	2.20	Sullivan	2.22
Jasper	2.18	Taney	2.20
Jefferson	2.23	Texas	2.21
Johnson	2.20	Vernon	2.19
Knox	2.25	Warren	2.23
Laclede	2.20	Washington	2.22
Lafayette	2.20	Wayne	2.23
Lawrence	2.18	Webster	2.20
Lewis	2.26	Worth	2.20
Lincoln	2.24	Wright	2.20

NEBRASKA

County	Rate per bushel	County	Rate per bushel
Adams	\$2.14	Merrick	\$2.15
Antelope	2.15	Nance	2.15
Boone	2.15	Nemaha	2.18
Boyd	2.14	Nuckolls	2.15
Burt	2.18	Otoe	2.18
Butler	2.18	Pawnee	2.18
Cass	2.18	Pierce	2.15
Cedar	2.16	Platte	2.16
Clay	2.15	Polk	2.16
Colfax	2.17	Richardson	2.18
Cuming	2.17	Saline	2.17
Dakota	2.17	Sarpy	2.18
Dixon	2.17	Saunders	2.18
Dodge	2.18	Seward	2.17
Douglas	2.18	Stanton	2.16
Fillmore	2.16	Thayer	2.16
Gage	2.17	Thurston	2.17
Hall	2.14	Washington	2.18
Hamilton	2.15	Wayne	2.16
Jefferson	2.17	Webster	2.14
Johnson	2.18	York	2.16
Knox	2.15	All other counties	2.13
Lancaster	2.18		
Madison	2.15		

NEW JERSEY

All counties	\$2.21
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NEW MEXICO

County	Rate per bushel
All counties	\$2.11

NEW YORK

All counties	\$2.20
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NORTH CAROLINA

All counties	\$2.23
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NORTH DAKOTA

County	Rate per bushel	County	Rate per bushel
Barnes	\$2.11	Sargent	\$2.11
Cass	2.12	Steele	2.11
Grand Forks	2.11	Traill	2.12
Ransom	2.11	All other counties	2.10
Richland	2.12		

OHIO

County	Rate per bushel	County	Rate per bushel
Adams	\$2.23	Licking	\$2.25
Allen	2.26	Logan	2.25
Ashland	2.25	Lorain	2.26
Ashtabula	2.26	Lucas	2.27
Athens	2.24	Madison	2.24
Auglaize	2.25	Mahoning	2.25
Belmont	2.24	Marion	2.26
Brown	2.23	Medina	2.26
Butler	2.23	Meigs	2.23
Carroll	2.25	Mercer	2.25
Champaign	2.24	Miami	2.24
Clark	2.23	Monroe	2.23
Clermont	2.23	Montgomery	2.23
Clinton	2.23	Morgan	2.24
Columbiana	2.25	Morrow	2.26
Coshocton	2.25	Muskingum	2.25
Crawford	2.26	Noble	2.24
Cuyahoga	2.26	Ottawa	2.27
Darke	2.24	Paulding	2.27
Defiance	2.27	Perry	2.25
Delaware	2.25	Pickway	2.24
Erie	2.27	Pike	2.23
Fairfield	2.25	Portage	2.26
Fayette	2.23	Preble	2.23
Franklin	2.25	Putnam	2.27
Fulton	2.27	Richland	2.26
Gallia	2.23	Ross	2.23
Gauga	2.26	Sandusky	2.27
Greene	2.23	Scioto	2.23
Guernsey	2.25	Seneca	2.27
Hamilton	2.23	Shelby	2.25
Hancock	2.26	Stark	2.25
Hardin	2.25	Summit	2.26
Harrison	2.25	Trumbull	2.26
Henry	2.27	Tuscarawas	2.25
Highland	2.23	Union	2.25
Hocking	2.24	Van Wert	2.26
Holmes	2.25	Vinton	2.24
Huron	2.26	Warren	2.23
Jackson	2.23	Washington	2.23
Jefferson	2.25	Wayne	2.25
Knox	2.25	Williams	2.27
Lake	2.26	Wood	2.27
Lawrence	2.23	Wyandot	2.26

OKLAHOMA

County	Rate per bushel	County	Rate per bushel
Adair	\$2.18	McIntosh	\$2.15
Cherokee	2.17	Muskogee	2.16
Choctaw	2.15	Ottawa	2.16
Craig	2.15	Pittsburg	2.15
Delaware	2.17	Pushmataha	2.15
Haskell	2.16	Sequoyah	2.18
Latimer	2.16	Wagoner	2.16
LaFlore	2.18	All other counties	2.14
Mayes	2.16		
McCurtain	2.18		

PENNSYLVANIA

All counties	\$2.20
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SOUTH CAROLINA

All counties	\$2.23
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SOUTH DAKOTA

County	Rate per bushel	County	Rate per bushel
Aurora	\$2.12	Davison	\$2.13
Beadle	2.12	Deuel	2.13
Bon Homme	2.14	Douglas	2.13
Brookings	2.14	Grant	2.13
Brule	2.12	Hamlin	2.12
Charles Mix	2.13	Hanson	2.13
Clay	2.15	Hutchinson	2.14
Codington	2.12	Jerauld	2.12

SOUTH DAKOTA—Continued

County	Rate per bushel	County	Rate per bushel
Kingsbury	\$2.13	Roberts	\$2.12
Lake	2.14	Sanborn	2.12
Lincoln	2.16	Turner	2.15
McCook	2.14	Union	2.16
Miner	2.13	Yankton	2.15
Minnehaha	2.15	All other counties	2.11
Moody	2.14		

TENNESSEE

Crocket	\$2.25	Obion	\$2.25
Dyer	2.26	Shelby	2.26
Fayette	2.25	Tipton	2.26
Gibson	2.25	Weakley	2.25
Haywood	2.25	All other counties	2.24
Lake	2.26		
Lauderdale	2.26		

TEXAS

All counties	\$2.16
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VIRGINIA

All counties	\$2.23
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WEST VIRGINIA

All counties	\$2.20
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WISCONSIN

Adams	\$2.22	Marquette	\$2.23
Barron	2.19	Milwaukee	2.26
Brown	2.21	Monroe	2.21
Buffalo	2.20	Oconto	2.20
Burnette	2.18	Oneida	2.18
Calumet	2.22	Outagamie	2.21
Chippewa	2.19	Ozaukee	2.25
Clark	2.19	Pepin	2.20
Columbia	2.24	Pierce	2.20
Crawford	2.23	Polk	2.19
Dane	2.25	Portage	2.21
Dodge	2.25	Price	2.18
Door	2.20	Racine	2.23
Douglas	2.18	Richland	2.23
Dunn	2.20	Rock	2.27
Eau Claire	2.20	Rusk	2.18
Fond du Lac	2.24	St. Croix	2.19
Grant	2.24	Sauk	2.23
Greene	2.26	Sawyer	2.18
Green Lake	2.23	Shawano	2.20
Iowa	2.24	Sheboygan	2.24
Jackson	2.21	Taylor	2.18
Jefferson	2.26	Trempealeau	2.20
Juneau	2.22	Vernon	2.22
Kenosha	2.28	Walworth	2.28
Kewaunee	2.20	Washburn	2.18
La Crosse	2.21	Washington	2.25
Lafayette	2.25	Waukesha	2.26
Langlade	2.19	Waupaca	2.21
Lincoln	2.18	Waushara	2.22
Manitowoc	2.22	Winnebago	2.22
Marathon	2.19	Wood	2.21
Marquette	2.19		

(b) *Premiums.* The following premiums are cumulative:

(1) *Low moisture.*

Percent:	Cents per bushel
12.2 or less	+4
12.3 through 12.7	+3
12.8 through 13.2	+2
13.3 through 13.7	+1
13.8 through 14.0	0

(2) *Low foreign material.*

Percent:	Cents per bushel
1.0 percent or less	+2

(c) *Discounts.* The following discounts are cumulative:

(1) *Class.*

Class:	Cents per bushel
Black	-25
Brown	-25
Mixed	-25

(2) *Test weight per bushel.*

Pounds:	Cents per bushel
53.0 through 53.9	-1/2
52.0 through 52.9	-1
51.0 through 51.9	-1 1/2
50.0 through 50.9	-2
49.0 through 49.9	-2 1/2

(3) *Splits.*

Percent:	Cents per bushel
20.1 through 25.0	-1/2
25.1 through 30.0	-1
30.1 through 35.0	-1 1/2
35.1 through 40.0	-2

(4) *Damaged kernels.¹*

Heat percent	Total percent	Cents per bushel
0.6 through 0.7	3.1 through 4.0	-1/2
0.8 through 1.0	4.1 through 5.0	-1
1.1 through 1.5	5.1 through 6.0	-1 1/2
1.6 through 2.1	6.1 through 7.0	-2
2.2 through 3.0	7.1 through 8.0	-2 1/2

¹ Use column which yields the higher applicable discount.

(5) *Foreign material.*

Percent:	Cents per bushel
2.1 through 2.5	-1
2.6 through 3.0	-2
3.1 through 3.5	-3
3.6 through 4.0	-4
4.1 through 4.5	-5
4.6 through 5.0	-6

(6) *Weed control laws.*

(Where required by § 1421.74)	Cents per bushel
	-10

(7) *Other.* Other quality discounts as established by CCC for settlement of farm-storage loans and purchases.

Effective date: Upon publication in the FEDERAL REGISTER.

Signed at Washington, D.C., on August 10, 1964.

H. D. GODFREY,
Executive Vice President,
Commodity Credit Corporation.

[F.R. Doc. 64-8190; Filed, Aug. 13, 1964; 8:45 a.m.]

Title 16—COMMERCIAL PRACTICES

Chapter I—Federal Trade Commission

SUBCHAPTER B—TRADE PRACTICE CONFERENCE RULES

[Docket No. 7859 o.]

PART 13—PROHIBITED TRADE PRACTICES

Washington Crab Association et al.

Subpart—Coercing and intimidating: § 13.345 *Competitors.* Subpart—Combining or conspiring: § 13.397 *To cut off competitor's supplies;* § 13.470 *To restrain cooperatives' activities.* Subpart—Cutting off supplies or service: § 13.625 *Organizing and controlling supply sources.*

(Sec. 6, 38 Stat. 721; 15 U.S.C. 46. Interpret or apply sec. 5, 38 Stat. 719, as amended; 15 U.S.C. 45) [Cease and desist order, Washington Crab Association et al., Westport, Wash., Docket 7859, July 10, 1964]

Order requiring a cooperative organization and its membership comprising some 250 crab fishermen fishing for Dungeness crabs off the coast of Washington and Oregon, for whom it acted as exclusive marketer, to cease their concerted plan of action pursuant to which they coerced and intimidated non-members to persuade them to join their association, limited the "catch" or supply of Dungeness crabs by coercive means, and coercively, prevented others from processing, purchasing or selling such products.

The order to cease and desist, including further order requiring report of compliance therewith, is as follows:

It is ordered, That respondents, Washington Crab Association, an incorporated association, its officers, trustees, and members, Richard E. Rydman, Ernest H. Hanson, Floyd Furflord, Donald Stedman, Guy Spooner, Leif M. Anderson, Dick Strong, Fritz Bold, G. F. Damon, Charles Fisher, and Gilbert Krigbaum, individually and as officers or trustees and as representatives of the entire membership of respondent Washington Crab Association, and respondent members Richard Branshaw, Ronnie Cowles, Gilbert Dietrich, Virgil L. Gordon, Roy Guanari, William Haavisto, Allen J. Malchow, Joe Nichols, William C. Nelson, Lawrence Peterson, and Lawrence Prest, individually and as members of respondent Washington Crab Association, and all other members of respondent Washington Crab Association, and respondents' representatives, agents and employees, directly or indirectly, or through any corporate or other device in or in connection with the fishing for, purchase or sale, or offering to purchase or sell, in commerce, as "commerce" is defined in the Federal Trade Commission Act, of any aquatic product, including, but not limited to Dungeness crabs, crab meat, and any other crab products, whether fresh, raw, cooked, frozen, canned, or otherwise preserved or prepared for consumption, shall forthwith cease and desist from entering into, continuing, cooperating in, or carrying out, any planned common course of action, conspiracy, understanding or agreement, between any two or more of said respondents and others not parties hereto:

1. To reduce, curtail, limit, or prevent the "catch" or supply of any aquatic product including Dungeness crabs by coercion, threats or intimidation, by any means or method, directly or indirectly, including but not limited to the use or threat of use of physical force or reprisal against persons or property;

2. To compel any fisherman or other person to become a voting or nonvoting or otherwise limited member of respondent Washington Crab Association by coercion, threats or intimidation, by any

means or method, directly or indirectly, including but not limited to the use or threat of use of physical force or reprisal against persons or property;

3. To reduce, curtail, limit, or prevent any person from processing, purchasing or selling or offering to purchase or sell in commerce, as "commerce" is defined in the Federal Trade Commission Act, any aquatic product, including, but not limited to Dungeness crabs, crab meat, and any other crab products, whether fresh, raw, cooked, frozen, canned, or otherwise preserved or prepared for consumption, by coercion, threats or intimidation, by any means or method, directly or indirectly, including but not limited to the use or threat of use of physical force or reprisal against persons or property.

It is further ordered, That respondents shall, within sixty (60) days after service upon them of this order, file with the Commission a report, in writing, setting forth in detail the manner and form in which they have complied with the order set forth herein.

Issued: July 10, 1964.

[SEAL] JOSEPH W. SHEA,
Secretary.

[F. R. Doc. 64-8212; Filed, Aug. 13, 1964;
8:47 a.m.]

SUBCHAPTER D—TRADE REGULATION RULES

PART 406—DECEPTIVE ADVERTISING AND LABELING OF PREVIOUSLY USED LUBRICATING OIL

The Federal Trade Commission, pursuant to the Federal Trade Commission Act, as amended, 15 U.S.C. 41, et seq., and the provisions of Subpart F of Part 1 of the Commission's procedures and rules of practice, 28 F.R. 7083-84 (July 1963), has conducted a proceeding for the promulgation of a Trade Regulation Rule regarding deceptive advertising and labeling of previously used lubricating oil. Notice of this proceeding, including a proposed rule, was published in the FEDERAL REGISTER on November 27, 1963 (28 F.R. 12631). Interested parties were thereafter afforded opportunity to participate in the proceeding through the submission of written data, views and arguments and to appear at a hearing on January 24, 1964, to express their views as to the proposed rule and to suggest amendments, revisions and additions thereto.

The Commission has now considered all matters of fact, law, policy and discretion, and the data, views, and arguments presented by interested parties in the proceeding, and has determined that the Trade Regulation Rule and statement of its basis and purpose set forth herein is in the public interest and should be adopted.

Sec.

- 406.1 The practices involved.
- 406.2 Deception as to previous use of oil.
- 406.3 Necessity for front or face panel disclosure.
- 406.4 Deceptive use of the term "re-refined."
- 406.5 The rule.

AUTHORITY: The provisions of this Part 406 issued under 38 Stat. 717, as amended; 15 U.S.C. 41-58.

§ 406.1 The practices involved.

Processors, wholesalers and other marketers of lubricating oil composed in whole or in part of used oil, in the sale of such oil in commerce as "commerce" is defined in the Federal Trade Commission Act, have (a) failed to disclose clearly and conspicuously the fact that such oil has been previously used or contains used oil, as the case may be, (b) represented directly or by implication that such oil is new and unused, and (c) represented that such oil has been "re-refined" when in fact the physical and chemical contaminants acquired through use have not been removed by a refining process.

§ 406.2 Deception as to previous use of oil.

(a) Reclaimers of lubricating oils generally obtain their base stocks from service stations, garages, and other sources where crankcase drainings and other waste oils are collected. These waste products are subjected to various processes which, depending on the completeness of the process used, result in the removal of some or all of the contaminants acquired through use. The resulting oils, which are sometimes blended with additives and sometimes with oil from virgin stocks, are customarily put into containers of the same general size, kind and appearance as those used for new and unused oil. The oil is then offered for sale to the public at gasoline filling stations and other retail outlets in the same manner and for the same purposes as unused lubricating oil. On the basis of previous Commission decisions, its knowledge of conditions in the marketing of the product, and the matters presented in the course of this rule-making proceeding, the Commission finds that many consumers prefer new and unused lubricating oil. In the absence of a clear and conspicuous disclosure of the fact of previous use, consumers have no means by which they can readily determine that such products are composed in whole or part of previously used oil, and are led to believe that such products are composed entirely of new and unused oil.

(b) It has been urged that reclaimers of oil perform a public service in that they collect and remove used oil which is potentially harmful and dangerous, and which otherwise would constitute an industrial and sanitation problem. It has also been asserted that oil does not wear out and therefore properly re-refined used oil is as good as or better than many oils produced entirely from virgin stock. The value of the service rendered by the industry is not germane to this consideration, nor is the quality of reclaimed oil involved here. It is not necessary therefore for the Commission to pass upon the relative merits of new and reclaimed oil. It is well settled that substitution is unlawful, even if a qualitative equivalence could be shown and the consumer is prejudiced if he is led to expect one thing and is supplied with something else. The public interest requires that used oils be labeled and advertised as such to prevent deception of the public and to maintain fair competition.

§ 406.3 Necessity for front or face panel disclosure.

(a) Lubricating oils, whether new, used, or blends thereof, are usually sold in round quart size cans or in larger cans, such as two gallon containers having an upright rectangular shape. Generally, these containers have a front or face panel on which the brand name is featured and which is designed to present a more attractive appearance than other parts of the container for display purposes. Some containers have more than one panel which is similarly designed.

(b) It is common knowledge that in garages, filling stations, and other retail outlets where lubricating oils are sold, oil containers are customarily arranged on racks or shelves in such a manner that only the front or face panel is clearly exposed to the view of prospective purchasers. Thus, any printed material appearing on other parts of the container would not readily be seen by the casual observer. In the marketplace, many purchasers of lubricating oil identify and recognize products by viewing only the front or face panel of the container and it is unlikely that they would observe printed material appearing on other parts of the container which are not exposed to view.

(c) In view of all the circumstances, the Commission concludes that in order for the disclosure required by this part to be clear and conspicuous, it should be placed on the front or face panel of each container. If the container has more than one panel similarly designed as a front or face panel the required disclosure should be placed on each such panel.

§ 406.4 Deceptive use of the term "re-refined."

(a) Some marketers of reclaimed lubricating oil have described their products as "re-refined" when in fact such oils have been subjected to but a simple reclaiming process. The reprocessing or reclaiming of previously used oil is accomplished by various processes. Simple reclaiming may involve only the removal of insoluble physical contaminants and sometimes a treatment to reduce chemical contaminants such as fuel fractions, water, combustion, and resinous oxidation products. These simple processes do not remove many of the contaminants acquired through previous use. Experts are not in uniform agreement as to what criteria should be met to justify the use of the term "re-refined" to describe previously used oil. Many technical persons understand "re-refining" to involve a complete and extensive processing under controlled conditions such as settling, filtration, dehydration, distillation, chemical treatment, clay treatment, and other processing, including selective solvent refining. There are variations in "re-refining" methods but the ultimate purpose of all of these is to remove physical and chemical contaminants acquired through use.

(b) Contention has been made that use of the term "re-refined" alone constitutes adequate disclosure that oil so described has been previously used. Webster's New International Dictionary,

Second Edition—Unabridged, defines "refine" as "To reduce to a fine, unmixed or pure state; to separate from extraneous matter, to free from dross or alloy as metals; to free or cleanse from impurities, as wine, sugar, etc." The same dictionary defines "re" as "again;—used chiefly to form words, especially verbs of action, denoting in general repetition (of the action of the verb) * * *." The combination of these two words, when used to describe oil, would mean, by dictionary definition, that the process of reducing oil to a fine, unmixed or pure state has been repeated.

(c) To the consuming public the word "re-refined" as descriptive of lubricating oil is susceptible of more than one meaning. While members of the trade and more sophisticated consumers might understand that the oil so described had been previously used, to many consumer purchasers who are unaware that oil is reclaimed and resold to the public, "re-refined" could well mean a virgin oil which has been refined more than once. Even when put on notice that the oil has been previously used, many consumers would be led to believe by the word "re-refined" that the oil had been reclaimed and restored to its original condition by a refining process.

(d) The Commission concludes therefore that the word "re-refined" when used alone to describe previously used oil would not adequately inform prospective purchasers that oil so described has been previously used. The Commission further concludes that "re-refined" when coupled with a disclosure that the oil has been previously used would mean to a substantial portion of the consuming public that the oil so described has had the contaminants acquired through previous use removed therefrom by a refining process.

§ 406.5 The rule.

(a) On the basis of the foregoing, the Commission concludes that, in connection with the sale in commerce of lubricating oil composed in whole or in part of previously used oil, the practices of (1) failing to disclose clearly and conspicuously the fact that such oil has been previously used; (2) representing directly or by implication that such oil is new or unused; and (3) representing that such oil has been "re-refined" when the physical and chemical contaminants acquired through use have not been removed by a refining process; have the capacity and tendency to mislead and deceive purchasers and prospective purchasers and to divert business from competitors who truthfully and properly describe and label their products. The Commission further concludes that these practices are violative of section 5 of the Federal Trade Commission Act, and that the public interest in preventing their use is specific and substantial.

(b) Accordingly, for the purpose of preventing such unlawful practices, the Commission hereby promulgates, as a Trade Regulation Rule, its conclusions and determination that in connection with the sale or offering for sale of lubricating oil composed in whole or in part of previously used lubricating oil, in

commerce, as "commerce" is defined in the Federal Trade Commission Act, it constitutes an unfair method of competition and an unfair and deceptive act or practice to:

(1) Represent in any manner that such used lubricating oil is new or unused; or

(2) Fail to disclose clearly and conspicuously that such used lubricating oil has been previously used, in all advertising, sales promotional material and on each front or face panel of the container. For the purpose of this Part 406 the front or face panel means the part (or parts) of the container on which the brand name is usually featured and which is customarily exposed to the view of prospective purchasers when displayed at point of retail sales; or

(3) Use the term "re-refined," or any other word or term of similar import, to describe previously used lubricating oil unless the physical and chemical contaminants acquired through previous use have been removed by a refining process.

(As used in this part, the term "lubricating oil" refers to any oil used for lubricating purposes including but not limited to, motor and transmission oil.)

Effective date. This rule becomes effective January 1, 1965.

Adopted: July 28, 1964.

By the Commission.

[SEAL] JOSEPH W. SHEA,
Secretary.

[F.R. Doc. 64-8215; Filed, Aug. 13, 1964;
8:47 a.m.]

Title 10—ATOMIC ENERGY

Chapter I—Atomic Energy Commission

PART 30—LICENSING OF BYPRODUCT MATERIAL

Exemption of Tritium Contained in Balances of Precision

Correction

In F.R. Doc. 64-7959 appearing in the issue for Saturday, August 8, 1964, at page 11445, the word "to" should be inserted preceding the word "balances" in the second line of § 30.14(a).

Title 20—EMPLOYEES' BENEFITS

Chapter III—Social Security Adminis- tration, Department of Health, Edu- cation, and Welfare

[Regs. 4, further amended]

PART 404—FEDERAL OLD-AGE, SUR- VIVORS, AND DISABILITY INSUR- ANCE (1950—_____)

Quarters of Coverage and Insured Status

Regulations No. 4 of the Social Security Administration, as amended (20 CFR 404.1 et seq.) are further amended as follows:

1. Paragraph (f) of § 404.103 is amended to read as follows:

§ 404.103 Quarter of coverage.

(f) *When a quarter of coverage is acquired.* Where a calendar quarter is credited as a quarter of coverage under paragraph (b), (c), (d), or (e) of this section the quarter of coverage is acquired as of the first day of such calendar quarter.

2. Paragraph (b) of § 404.108 is amended to read as follows:

§ 404.108 Fully insured status; general.

(b) *When fully insured status begins.* An individual is fully insured beginning with the first day of the calendar quarter in which he acquires the last required quarter of coverage (see §§ 404.103(f) and 404.109-404.112). Though fully insured under the statutory provisions in effect during a particular period an individual may not be fully insured under the statutory provisions in effect for a prior period and, in such case, no benefits would be payable for such prior period though benefits may be payable currently based on the later requirements. The following §§ 404.109-404.113, set forth the various fully insured status requirements and their period of applicability.

3. *Effective date.* The foregoing amendments shall become effective upon publication in the FEDERAL REGISTER.

(Sec. 205, 213, 214, and 1102, 53 Stat. 1368, as amended, 64 Stat. 504, as amended, 64 Stat. 505, as amended, 49 Stat. 647, as amended; sec. 5 of Reorganization Plan No. 1 of 1953, 67 Stat. 18, 631; 42 U.S.C. 405, 413, 414, and 1302)

Dated: July 27, 1964.

[SEAL] ROBERT M. BALL,
Commissioner of Social Security.

Approved: August 7, 1964.

ANTHONY J. CELEBREZZE,
Secretary of Health,
Education, and Welfare.

[F.R. Doc. 64-8222; Filed, Aug. 13, 1964;
8:47 a.m.]

Title 21—FOOD AND DRUGS

Chapter I—Food and Drug Adminis- tration, Department of Health, Edu- cation, and Welfare

SUBCHAPTER B—FOOD AND FOOD PRODUCTS

PART 121—FOOD ADDITIVES

Subpart F—Food Additives Resulting From Contact With Containers or Equipment and Food Additives Otherwise Affecting Food

PACKAGING MATERIALS FOR USE IN RADI- ATION PRESERVATION OF PREPACKAGED FOODS

The Commissioner of Food and Drugs, having evaluated the data submitted in a petition (FAP 1297) filed by the U.S. Atomic Energy Commission, Washing-

ton, D.C., 20545, and other relevant material, has concluded that the food additive regulations should be amended to provide for the use of packaging materials that may be safely subjected to irradiation incidental to the radiation preservation of prepackaged foods. Therefore, pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(c)(1), 72 Stat. 1786; 21 U.S.C. 348(c)(1)), and under the authority delegated to the Commissioner by the Secretary of Health, Education, and Welfare (21 CFR 2.90; 29 F.R. 471), the food additive regulations are amended by adding to Subpart F the following new section:

§ 121.2543 Packaging materials for use in radiation preservation of prepackaged foods.

The packaging materials identified in this section may be safely subjected to irradiation incidental to the radiation preservation of prepackaged foods, subject to the provisions of this section.

(a) The radiation preservation of the food itself shall comply with regulations in Subpart G of this Part 121.

(b) The following packaging materials may be subjected to a dose of irradiation, not to exceed 1 megarad, incidental to the use of gamma radiation in the radiation preservation of prepackaged foods:

(1) Nitrocellulose-coated cellophane complying with § 121.2507.

(2) Glassine paper complying with § 121.2526.

(3) Wax-coated paperboard complying with § 121.2526.

(4) Polypropylene film prepared from polypropylene basic polymer complying with § 121.2501. The finished film may contain adjuvant substances used in compliance with §§ 121.2001 and 121.2511.

(5) Ethylene-alkene-1 copolymer film complying with § 121.2508.

(6) Polyethylene film complying with § 121.2510.

(7) Polystyrene film prepared from styrene basic polymer. The finished film may contain adjuvant substances used in compliance with §§ 121.2001 and 121.2511.

(8) Rubber hydrochloride film prepared from rubber hydrochloride basic polymer having a chlorine content of 30-32 weight percent and having a maximum extractable fraction of 2 weight percent when extracted with *n*-hexane at reflux temperature for 2 hours. The finished film may contain adjuvant substances used in compliance with §§ 121.2001 and 121.2511.

(9) Vinylidene chloride-vinyl chloride copolymer film prepared from vinylidene chloride-vinyl chloride basic copolymers containing not less than 70 weight percent of vinylidene chloride and having a viscosity of 0.50-1.50 centipoises as determined by ASTM method D 729-57. The finished film may contain adjuvant substances used in compliance with §§ 121.2001 and 121.2511.

Any person who will be adversely affected by the foregoing order may at any

time within 30 days from the date of its publication in the FEDERAL REGISTER file with the Hearing Clerk, Department of Health, Education, and Welfare, Room 5440, 330 Independence Avenue SW., Washington 25, D.C., written objections thereto. Objections shall show where in the person filing will be adversely affected by the order and specify with particularity the provisions of the order deemed objectionable and the grounds for the objections. If a hearing is requested, the objections must state the issues for the hearing. A hearing will be granted if the objections are supported by grounds legally sufficient to justify the relief sought. Objections may be accompanied by a memorandum or brief in support thereof. All documents shall be filed in quintuplicate.

Effective date. This order shall be effective on the date of its publication in the FEDERAL REGISTER.

(Sec. 409(c)(1), 72 Stat. 1786; 21 U.S.C. 348(c)(1))

Dated: August 10, 1964.

GEO. P. LARRICK,
Commissioner of Food and Drugs.

[F.R. Doc. 64-8223; Filed, Aug. 13, 1964; 8:47 a.m.]

Title 50—WILDLIFE AND FISHERIES

Chapter I—Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Department of the Interior

SUBCHAPTER B—HUNTING AND POSSESSION OF WILDLIFE

PART 10—MIGRATORY BIRDS

Open Seasons, Bag Limits and Possession of Certain Migratory Game Birds

Correction

In Federal Register Document 64-7616, appearing at page 11184 in the issue for Tuesday, August 4, 1964, the first entry under paragraph (b) of § 10.41 should read as follows:

§ 10.41 Seasons and limits on doves and wild pigeons.

(b) Mourning doves—Central Management Unit.

Daily bag limit..... 12.

Title 47—TELECOMMUNICATION

Chapter I—Federal Communications Commission

[Docket Nos. 14229, 14979; FCC 64-770]

PART 73—RADIO BROADCAST SERVICES

UHF Television Channels; Correction

In the matter of fostering expanded use of UHF Television Channels, Docket

No. 14229; amendment of § 73.606, table of assignments, Television Broadcast Stations (Hanover, New Hampshire), Docket No. 14979.

In a Supplement to the Third Report and Order (FCC 64-770)¹ in the above-captioned matter, released on August 3, 1964, the docket number pertaining to Hanover, New Hampshire, in the caption should read "Docket No. 14979" rather than "Docket No. 14970".

Released: August 11, 1964.

FEDERAL COMMUNICATIONS
COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 64-8230; Filed, Aug. 13, 1964; 8:48 a.m.]

Title 42—PUBLIC HEALTH

Chapter I—Public Health Service, Department of Health, Education, and Welfare

PART 72—INTERSTATE QUARANTINE

Etiologic Agents

Notice of proposed rule making, public rule making procedures and postponement of effective date have been omitted as unnecessary in the issuance of the following amendment to § 72.25 (b) (5) which relieves restrictions.

Section 72.25 (b) (5) is amended to read as follows:

§ 72.25 Etiologic agents.

* * * * *

(b) * * *

(5) With respect to shipments made to carry out the national defense program, the Surgeon General may approve variations as to the requirements of subparagraphs 1, 2 and 3 of this paragraph if upon review and evaluation he finds that such variation and the required attendant changes in packaging, handling, and shipment procedures will provide protection at least equivalent to the above requirements.

(Sec. 215, 58 Stat. 690; 42 U.S.C. 216. Interprets or applies sec. 361, 58 Stat. 703; 42 U.S.C. 264)

Dated:

[SEAL] JAMES M. HUNDLEY,
Acting Surgeon General.
Approved: August 7, 1964.

ANTHONY J. CELEBREZZE,
Secretary.

[F.R. Doc. 64-8224; Filed, Aug. 13, 1964; 8:47 a.m.]

¹ See 29 F.R. 11419, August 7, 1964.

Proposed Rule Making

DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service

[7 CFR Part 981]

ALMONDS GROWN IN CALIFORNIA

Proposed Salable and Surplus Percentages for 1964-65 Crop Year

Notice is hereby given that there is under consideration the proposed establishment of a salable percentage of 85 percent and surplus percentage of 15 percent for California almonds during the 1964-65 crop year beginning July 1, 1964. The proposed percentages are based on recommendations of the Almond Control Board and other available information and would be established pursuant to the provisions of amended Marketing Agreement No. 119 and Order No. 981 (7 CFR Part 981), regulating the handling of almonds grown in California, effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674).

The proposed percentages are based upon the following estimates (kernel weight basis) for the crop year beginning July 1, 1964:

- (1) Production of 75 million pounds;
- (2) Trade demand for domestic almonds of 58.7 million pounds (which is based on a total demand of 59.2 million pounds less 500,000 pounds of imported almonds);
- (3) Handler carryover of 11.8 million pounds on July 1, 1964;
- (4) Desirable handler carryover of 16.8 million pounds on June 30, 1965;
- (5) Trade demand and desirable handler carryover requirements for 1964 crop almonds of 63.7 million pounds (items 2 plus 4 minus 3); and
- (6) 11.3 million pounds of surplus almonds.

All persons who desire to submit written data, views, or arguments in connection with the aforesaid proposal should file the same, in quadruplicate, with the Hearing Clerk, U.S. Department of Agriculture, Room 112, Administration Building, Washington, D.C., 20250, not later than ten days after publication of this notice in the FEDERAL REGISTER. All written submissions made pursuant to this notice will be made available for public inspection at the office of the Hearing Clerk during official hours of business (7 CFR 1.27(b)).

Dated: August 10, 1964.

PAUL A. NICHOLSON,
*Deputy Director,
Fruit and Vegetable Division.*

[F.R. Doc. 64-8204; Filed, Aug. 13, 1964; 8:46 a.m.]

[7 CFR Part 1067]

MILK IN OZARKS MARKETING AREA

Termination of Proceeding To Suspend Certain Provisions of Order

Pursuant to the provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.) notice was issued by the Deputy Administrator of the Agricultural Marketing Service on July 27, 1964, that suspension of certain provisions of the order regulating milk in the Ozarks marketing area was being considered.

The provisions proposed by petitioning cooperative association to be suspended for the month of August 1964 were: 1. In § 1067.7(b), the provision, "during any of the months of February through July, or to the extent of not more than 10 days' production during any of the months of August through January"; and 2. In the table of § 1067.11(b) opposite the month of August, the following: "25". Such provisions relate, respectively, to the diversion of producer milk to nonpool plants and the supply plant shipping requirements.

Interested persons were invited to submit to the Department not later than August 3, 1964, written data, views, or arguments in connection with the proposed suspension. The preponderance of views received from interested parties indicate that: (1) The market supply situation for August does not require the proposed modifications of the order to handle the reserve milk of the market; (2) producer milk which has been regularly associated with the Ozarks market can find a market at existing pool plants; (3) the prospective outlets for petitioner's milk in this market will likely be improved during August by another group of Ozarks producers leaving the market.

The producers cooperative representing more than 50 percent of the producers on the market which operates a pool supply plant which has regularly qualified on the Ozarks market contemplates no difficulty in qualifying such plant for pool status in August. Petitioner's request relates to a contemplated facility not yet completed, which, if completed, would have no record of association with the market. Operators of existing pool plants have not requested the suspension and several operators assert they are willing to receive the milk of members of petitioner.

It is found and determined, therefore, that the proposed suspension for the month of August 1964 of the aforesaid provisions of the order relating to the limit on diversions of producer milk and the shipping requirements for pool supply plants should not be effectuated; and the proceeding begun in this matter on July 27 is hereby terminated.

Signed at Washington, D.C., on August 11, 1964.

GEORGE L. MEHREN,
Assistant Secretary.

[F.R. Doc. 64-8229; Filed, Aug. 13, 1964; 8:48 a.m.]

FEDERAL POWER COMMISSION

[18 CFR Parts 101, 104, 105, 141,
201, 204, 205, 260]

[Docket No. R-264]

UNIFORM SYSTEMS OF ACCOUNTS FOR PUBLIC UTILITIES, LICENSEES AND NATURAL GAS PIPELINE COMPANIES AND ANNUAL REPORT FORMS

Notice of Proposed Rule Making; Notice of Extension of Time

AUGUST 7, 1964.

Uniform Systems of Accounts for Public Utilities, Licensees and Natural Gas Pipeline Companies and Annual Report Forms FPC Nos. 1, 1-F, 2, 2-A—Prescription of Flow-Through Accounting for Liberalized Depreciation Tax Savings and Disposition of Accumulated Deferred Tax Balances; Docket No. R-264.

Upon consideration of the requests filed in the subject proceeding by Edison Electric Institute, the Committee on Accounts of the National Association of Railroad and Utilities Commissioners, and Carolina Power and Light Company on July 21, July 30, and August 3, 1964, respectively, for an extension of time within which to file data, views, and comments in writing relating to the proposed amendments to the Uniform System of Accounts as set forth in the notice of proposed rule making issued July 7, 1964;

Notice is hereby given that the time is extended from August 26, 1964, to October 1, 1964, within which any interested person may file data, views, and comments in writing concerning the proposed amendments.

GORDON M. GRANT,
Acting Secretary.

[F.R. Doc. 64-8193; Filed, Aug. 13, 1964; 8:45 a.m.]

INTERSTATE COMMERCE COMMISSION

[49 CFR Parts 95-97]

[Ex Parte No. 241]

RAILROAD FREIGHT CAR OWNERSHIP, CAR UTILIZATION, DISTRIBUTION, RULES AND PRACTICES

Investigation of Adequacy

At a Session of the Interstate Commerce Commission, Division 3, held at

its office in Washington, D.C., on the 29th day of July, A.D. 1964.

Upon consideration of the record in this proceeding, including the conclusions reached in the report decide June 18, 1964, 323 I.C.C. 48:

It is ordered, That under authority of Part I of the Interstate Commerce Act (49 U.S.C. 1, et seq.), more particularly sections 1(13) and (14) (a) and 13(2) thereof, and section 4 of the Administrative Procedure Act (5 U.S.C. 1003), this proceeding be, and it is hereby, broadened for the purpose of obtaining detailed and precise information on all phases of freight car ownership, utilization, distribution, rules and practices which in any manner contribute to or affect the chronic freight car shortage problem, with the view (1) to consideration of the prescription of rules designed to alleviate the problem and (2) to consideration of the issuance of an order or direction under the provisions of section 1(13) of the Interstate Commerce Act.

It is further ordered, That all railroads listed in Appendix A below be, and they are hereby, made respondents in this proceeding; and that all other railroads (some Class II and switching and terminal companies) made respondents by the order of December 20, 1963, be, and they are hereby, relieved of any further obligation to participate as respondents in this proceeding.

It is further ordered, That the Bureau of Inquiry and Compliance of this Commission be, and it is hereby, authorized to participate in this proceeding.

It is further ordered, That the procedure to be followed shall be:

1. Prior to January 1, 1965, the respondents listed in Appendix A below shall supply the information outlined in sections I through XIII of the instructions attached hereto as Appendix B,¹ by completing and filing with the Commission at its office in Washington, D.C., seven copies of the forms attached hereto as Appendixes C and D.²

2. Prior to June 1, 1965, all respondents listed in Appendix A hereto shall supply the information outlined in sections XIV through XVI of the said instructions attached as Appendix B by completing, filing and serving as specified in 1 above the forms attached hereto as Appendixes E and F.¹

3. Prior to January 1, 1965, any person desiring to participate in this proceeding must notify the Secretary of this Commission by letter to that effect, giving his name, address, and company or group represented. After that date no additional interventions will be allowed except by special permission and for good cause shown. To conserve time and avoid expense it is strongly urged that persons having common interests, endeavor to consolidate their presentation to the greatest extent possible. Individual participation is not precluded; mere casual interest, however, does not justify participation, and will make the service of verified statements burdensome and impracticable. The Commission desires participation only by those

who intend to take an active part in the proceeding.

4. As soon as practicable after January 1, 1965, the Commission will serve a list of the names and addresses of all persons upon whom service of all verified statements, replies or other pleadings hereinafter specified must, unless waived, be made. An original (signed in ink) and 20 copies of each verified statement, reply or pleading shall be filed with the Commission and a copy of each such statement, reply or other pleading shall be served on each person named in the list prepared and served pursuant to this paragraph in accordance with Rule 1.22 of the Commission's general rules of practice.

5. Prior to July 1, 1965, any party to the proceeding may file and serve a verified² statement of relevant facts and any argument he desires to make. Where both facts and argument are included in the same document, they shall be set forth under separate headings. Such document should, where appropriate, contain a discussion of any proposed rules including a detailed justification therefor, a discussion of the proper formula or formulas to be used in determining the adequacy of freight car ownership by type by individual carrier, and a discussion by respondents of the subjects listed in Appendix G.

6. Prior to August 1, 1965, any party may file replies to the initial statements.

7. Prior to September 1, 1965, any party may file and serve a request for oral hearing, together with justification therefor. Any reply thereto must be filed prior to September 15, 1965.

8. Postponement of the above specified time schedule is not contemplated and will not be granted except upon detailed justification.

9. Only such documents and pleadings as are specifically permitted under these rules may be filed.

And it is further ordered, That a copy of this order and 10 additional copies of Appendixes C, D, E and F shall be served upon each respondent; that a copy of this order be served on the public utility commissions or boards or similar regulatory bodies of each State; that a copy be posted in the office of the Secretary of this Commission; that a copy be served on the Association of American Railroads, Car Service Division, and upon The American Short Line Railroad Association, and that a copy be delivered to the Director, Office of Federal Register, for publication in the FEDERAL REGISTER.

By the Commission, Division 3.

[SEAL] HAROLD D. McCoy,
Secretary.

APPENDIX A

CLASS I RAILROADS

Akron, Canton & Youngstown R.R.
Ann Arbor R.R.

² In lieu of verification under oath, the statements and replies may be made subject to the following declaration: "I solemnly declare that I have examined the foregoing statement (or reply) and that to the best of my knowledge and belief the representations of fact contained therein are true." (Signature)

Atchison, Topeka & Santa Fe Ry.
Atlanta & St. Andrews Bay Ry.
Atlanta & West Point R.R.-Western Ry. of Alabama.
Atlantic Coast Line R.R.
Baltimore & Ohio R.R.
Bangor & Aroostook R.R.
Bessemer & Lake Erie R.R.
Boston & Maine R.R.
Central of Georgia Ry.
Central R.R. Co. of New Jersey.
Central Vermont Ry., Inc.
Chesapeake & Ohio Ry.
Chicago & Eastern Illinois R.R.
Chicago & Illinois Midland Ry.
Chicago & North Western Ry. System.
Chicago, Burlington & Quincy R.R.
Chicago Great Western Ry.
Chicago, Milwaukee, St. Paul & Pacific R.R.
Chicago, Rock Island & Pacific R.R.
Clinchfield R.R.
Colorado & Southern Ry. System.
Colorado & Wyoming Ry.
Delaware & Hudson R.R.
Denver & Rio Grande Western R.R.
Detroit & Toledo Shore Line R.R.
Detroit, Toledo & Ironton R.R.
Duluth, Missabe & Iron Range Ry.
Duluth, Winnipeg & Pacific Ry.
Elgin, Joliet & Eastern Ry.
Erie-Lackawanna R.R.
Florida East Coast Ry.
Georgia R.R.
Georgia & Florida R.R.
Grand Trunk Western R.R.
Great Northern Ry.
Green Bay & Western R.R. (Inc. KGB&W).
Gulf, Mobile & Ohio R.R.
Illinois Central R.R.
Illinois Terminal R.R.
Kansas City Southern Ry. (Inc. L&A).
Kansas, Oklahoma & Gulf Ry. (MV & OC-A-A).
Lake Superior & Ishpeming R.R.
Lehigh & Hudson River Ry.
Lehigh Valley R.R.
Long Island R.R.
Louisville & Nashville R.R.
Maine Central R.R.
Minneapolis, Northfield & Southern Ry.
Missouri-Illinois R.R.
Missouri-Kansas-Texas R.R.
Missouri Pacific R.R.
Monon R.R.
Monongahela Ry.
New York Central R.R. System.
New York, Chicago & St. Louis R.R.
New York Connecting R.R.
New York, New Haven & Hartford R.R.
New York, Susquehanna & Western R.R.
Norfolk & Western Ry.
Norfolk Southern Ry.
Northern Pacific Ry.
Pennsylvania R.R.
Pennsylvania-Reading Seashore Lines
Piedmont & Northern Ry.
Pittsburgh & Lake Erie R.R.
Pittsburgh & West Virginia Ry.
Reading
Richmond, Fredericksburg & Potomac R.R.
St. Louis-San Francisco Ry. (Inc. QA&P).
St. Louis Southwestern Ry.
Savannah & Atlanta Ry.
Seaboard Air Line R.R.
Soo Line R.R.
Southern Pacific System.
Southern Ry. System
Spokane International R.R.
Spokane, Portland & Seattle Ry.
Staten Island Rapid Transit Ry.
Tennessee Central Ry.
Texas & Pacific Ry.
Texas Mexican Ry.
Toledo, Peoria & Western R.R.
Union Pacific R.R.
Wabash R.R.
Western Maryland Ry.
Western Pacific R.R.

CLASS II RAILROADS

Aberdeen & Rockfish R.R.
Algers, Winslow & Western Ry.
Angellina & Neches River R.R.

¹ Appendixes B, C, D, E, and F filed as part of original document.

Apache Ry.
 Apalachicola Northern RR.
 Arkansas & Louisiana Missouri Ry.
 Ashley, Drew & Northern Ry.
 Atlantic & East Carolina Ry.
 Bauxite & Northern Ry.
 California Western RR.
 Camas Prairie RR.
 Cambria & Indiana RR.
 Cedar Rapids & Iowa City Ry.
 Central California Traction Co.
 Columbia & Cowlitz Ry.
 Columbia, Newberry & Laurens RR.
 Columbus & Greenville Ry.
 Corinth & Counce RR.
 Des Moines & Central Iowa Ry.
 Detroit & Mackinac Ry.
 Duluth & Northeastern RR.
 Durham & Southern Ry.
 Escanaba & Lake Superior RR.
 Ft. Dodge, Des Moines & Southern Ry.
 Gainesville Midland RR.
 Genessee & Wyoming RR.
 Georgia Northern Ry.
 Great Western Ry.
 Interstate RR.
 Kewaunee, Green Bay & Western RR.
 Lake Erie, Franklin & Clarion RR.
 Lancaster & Chester Ry.
 Live Oak, Perry & Gulf RR.
 Longview, Portland & Northern RR.
 Louisiana & North West RR.
 Louisiana Midland Ry.
 Marinette, Tomahawk & Western RR.
 McCloud River RR.
 Meridian & Bigbee RR.
 Minnesota, Dakota & Western Ry.
 Mississippi Central RR.
 Mississippi Export RR.
 Montour RR.
 Nevada Northern Ry.
 New Orleans & Lower Coast RR.
 Norfolk, Franklin and Danville Ry.
 North Louisiana & Gulf RR.
 Northeast Oklahoma RR.

Oregon & Northwestern RR.
 Oregon, Pacific & Eastern Ry.
 Pittsburg & Shawmut RR.
 Pittsburgh, Chartiers & Youghiogeny Ry.
 Point Comfort & Northern Ry.
 Port Huron & Detroit RR.
 Portland Traction Co.
 Raritan River RR.
 Roscoe, Snyder & Pacific Ry.
 Sacramento Northern Ry.
 St. Johnsbury & Lamolille County RR.
 St. Marys RR.
 Sandersville RR.
 Sands Spring Ry.
 Santa Maria Valley RR.
 Tennessee, Alabama & Georgia Ry.
 Tennessee RR.
 Texas & New Mexico Ry.
 Texas & Northern Ry.
 Tidewater Southern Ry.
 Trona Ry.
 Utah Ry.
 Valdosta Southern RR.
 Washington & Old Dominion RR.
 Waterloo RR.
 West Virginia Northern RR.
 Winston-Salem Southbound Ry.

SWITCHING AND TERMINAL COMPANIES

Akron & Barberton Belt RR.
 Aliquippa & Southern RR.
 Alton & Southern RR.
 Baltimore & Ohio Chicago Terminal RR.
 Belt Ry. of Chicago.
 Birmingham Southern RR.
 Brooklyn Eastern District Terminal.
 Buffalo Creek RR.
 Bush Terminal RR.
 Canton RR.
 Chicago & Illinois Western RR.
 Chicago Heights Terminal Transfer Co.
 Chicago River & Indiana RR.
 Chicago, West Pullman & Southern RR.
 Conemaugh & Black Lick RR.

Cuyahoga Valley Ry.
 Delray Connecting RR.
 Detroit Terminal RR.
 Fairport, Painesville & Eastern RR.
 Houston Belt & Terminal Ry.
 Illinois Northern Ry.
 Indiana Harbor Belt RR.
 Kansas City Terminal Ry.
 Kentucky & Indiana Terminal RR.
 Lake Erie & Eastern RR.
 Lake Terminal RR.
 Lakefront Dock & RR. Terminal.
 Los Angeles Junction Ry.
 Manufacturers Connecting RR.
 McKeesport Connecting RR.
 Modesto & Empire Traction Co.
 Monongahela Connecting RR.
 Newburgh & South Shore Ry.
 New Orleans Public Belt RR.
 New Orleans Terminal Co.
 New York Dock RR.
 Norfolk & Portsmouth Belt Line RR.
 Patapsco & Back Rivers RR.
 Peoria & Pekin Union Ry.
 Philadelphia, Bethlehem & New England.
 Pittsburgh & Ohio Valley Ry.
 Railroad of New Orleans.
 River Terminal Ry.
 St. Johns River Terminal Co.
 South Buffalo Ry.
 South Omaha Terminal Ry.
 Steelton & Highspire RR.
 Terminal Railroad Association of St. Louis.
 Terminal Ry. Alabama State Docks.
 Texas City Terminal Ry.
 Texas Pacific-Missouri Pacific Terminal.
 Toledo Terminal RR.
 Union RR. (Pennsylvania).
 Union Ry. (Memphis, Tenn.).
 Union Terminal Ry. (St. Joseph, Mo.).
 Upper Merion & Plymouth RR.
 Wyandotte Terminal RR.
 Youngstown & Northern RR.

[F.R. Doc. 64-8217; Filed, Aug. 13, 1964,
 8:47 a.m.]

Notices

DEPARTMENT OF THE INTERIOR

Office of the Secretary

CHARLES S. McNEER

Statement of Changes in Financial Interests

In accordance with the requirements of section 710(b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests during the past six months:

- (1) No change.
- (2) No change.
- (3) No change.
- (4) No change.

This statement is made as of July 22, 1964.

Dated: July 22, 1964.

C. S. McNEER.

[F.R. Doc. 64-8198; Filed, Aug. 13, 1964; 8:45 a.m.]

CHARLES S. MITCHELL

Statement of Changes in Financial Interests

In accordance with the requirements of section 710(b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests during the past six months:

(1) On May 26, 1964 I was elected Executive Vice President of Cities Service Company. I continue to serve as a Director of Cities Service Company and as an officer and director of a number of affiliates and subsidiaries of Cities Service Company.

- (2) None.
- (3) None.
- (4) None.

This statement is made as of July 30, 1964.

Dated: July 30, 1964.

C. S. MITCHELL,

[F.R. Doc. 64-8200; Filed, Aug. 13, 1964; 8:46 a.m.]

RAFAEL R. RAMÍREZ

Statement of Changes in Financial Interests

In accordance with the requirements of section 710(b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests during the past six months:

- (1) No change.
- (2) No change.
- (3) No change.
- (4) No change.

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This statement is made as of July 23, 1964.

Dated: July 23, 1964.

R. R. RAMÍREZ.

[F.R. Doc. 64-8199; Filed, Aug. 13, 1964; 8:45 a.m.]

DEPARTMENT OF COMMERCE

Office of the Secretary

WALLACE H. ADAMSON

Statement of Changes in Financial Interests

In accordance with the requirements of section 710(b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER during the past six months:

- A. Deletions: No change.
- B. Additions: No change.

This statement is made as of July 30, 1964.

WALLACE H. ADAMSON.

JULY 30, 1964.

[F.R. Doc. 64-8220; Filed, Aug. 13, 1964; 8:47 a.m.]

FRANK R. BAILEY

Statement of Changes in Financial Interests

In accordance with the requirements of section 710(b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER during the past six months.

- A. Deletions: no change.
- B. Additions: no change.

This statement is made as of August 1, 1964.

Dated: August 1, 1964.

FRANK R. BAILEY.

[F.R. Doc. 64-8221; Filed, Aug. 13, 1964; 8:47 a.m.]

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Food and Drug Administration

ALUMINUM ASSOCIATION

Notice of Withdrawal of Petition for Food Additives

Pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec.

409(b), 72 Stat. 1786; 21 U.S.C. 348(b)), the following notice is issued:

In accordance with §121.52 *Withdrawal of petitions without prejudice* of the procedural food additive regulations (21 CFR 121.52), The Aluminum Foll Division, The Aluminum Association, 420 Lexington Avenue, New York 17, N.Y., has withdrawn its petition (FAP 874), published in the FEDERAL REGISTER of August 10, 1962 (27 F.R. 7990), proposing the amendment of § 121.2531 *Surface lubricants used in the manufacture of metallic articles*.

The withdrawal of this petition is without prejudice to a future filing.

Dated: August 10, 1964.

MALCOLM R. STEPHENS,
Assistant Commissioner
for Regulations.

[F.R. Doc. 64-8225; Filed, Aug. 13, 1964; 8:47 a.m.]

CHEMAGRO CORP.

Filing of Petition Regarding Food Additive Coumaphos

Pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(b) (5), 72 Stat. 1786; 21 U.S.C. 348 (b) (5)), notice is given that a petition (FAP 4D1348) has been filed by Chemagro Corporation, P.O. Box 4913, Kansas City 20, Missouri, proposing the issuance of a regulation to provide for the safe use of coumaphos (O,O-diethyl-O-3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl phosphorothioate) in the daily ration of cattle, swine, and chickens for control of larvae of fecal breeding flies.

Dated: August 10, 1964.

MALCOLM R. STEPHENS,
Assistant Commissioner
for Regulations.

[F.R. Doc. 64-8226; Filed, Aug. 13, 1964; 8:47 a.m.]

[Docket No. FDC-D-85; NDA No. 8170]

E. FOUGERA & CO.

Efocaine; Notice of Withdrawal of Approval of New-Drug Application

E. Fougera & Company, Hicksville, N.Y., the applicant for and the holder of new-drug application No. 8170 applying to Efocaine, a local anesthetic, having requested the withdrawal of the approval of said application, and thereby having waived notice of hearing as provided by section 505(e) of the Federal Food, Drug, and Cosmetic Act, prior to such withdrawal;

The Commissioner of Food and Drugs, by virtue of the authority vested in the Secretary of Health, Education, and Welfare by the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505 (e), 52 Stat. 1053; 21 U.S.C. 355(e)) and

delegated to the Commissioner by the Secretary (21 CFR 2.90; 29 F.R. 471) finds that, on the basis of new information evaluated together with the evidence available when the application was approved, the drug Efocaine, having been reported to have caused such adverse reactions as severe tissue slough and transverse myelitis is not shown to be safe for use under the conditions for use upon the basis of which the application was approved.

Wherefore, on the foregoing finding of fact and the request of the applicant, the approval of new-drug application No. 8170 applying to Efocaine is withdrawn, effective on the date of signature of this document.

Dated: August 7, 1964.

JOHN L. HARVEY,
*Deputy Commissioner
of Food and Drugs.*

[F.R. Doc. 64-8227; Filed, Aug. 13, 1964;
8:48 a.m.]

UPSON CO.

Filing of Petition Regarding Food Additive Triethylene Glycol Adipic Acid Monoester

Pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(b)(5), 72 Stat. 1786; 21 U.S.C. 348(b)(5)), notice is given that a petition (FAP 1255) has been filed by The Upson Company, Lockport, N.Y., proposing the issuance of a regulation to provide for the safe use of triethylene glycol adipic acid monoester for the purpose of curl control, at a level not to exceed 2 percent by weight of coated or uncoated paper and paperboard.

Dated: August 10, 1964.

MALCOLM R. STEPHENS,
*Assistant Commissioner
for Regulations.*

[F.R. Doc. 64-8228; Filed, Aug. 13, 1964;
8:48 a.m.]

ATOMIC ENERGY COMMISSION

[Docket No. 50-1]

IIT RESEARCH INSTITUTE

Issuance of Facility License Amendment

Please take notice that the Atomic Energy Commission has issued, effective as of the date of issuance, Amendment No. 6 set forth below, to Facility License No. R-3, as amended. The license authorizes the licensee to operate its homogeneous solution type nuclear reactor, located in Chicago, Illinois. The amendment changes the name of the licensee to IIT Research Institute from Armour Research Foundation of Illinois Institute of Technology and is merely a name change without any other change in the corporate operation or structure, as described

in the licensee's submittals dated May 7, 1963, August 13, 1963, and TWX dated July 17, 1964.

The Commission has found that:

(1) The application for amendment complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations set forth in Title 10, Chapter 1, CFR;

(2) Possession and use of the reactor in accordance with the license as amended will not present undue hazard to the health and safety of the public and will not be inimical to the common defense and security.

(3) Prior public notice of proposed issuance of this amendment is not required since the amendment does not involve significant hazard considerations different from those previously evaluated.

Within fifteen (15) days from the date of publication of this notice in the FEDERAL REGISTER, the licensee may file a request for a hearing, and any person whose interest may be affected by this proceeding may file a petition for leave to intervene. Requests for a hearing and petitions to intervene shall be filed in accordance with the provisions of the Commission's regulation (10 CFR Part 2). If a request for a hearing or a petition for leave to intervene is filed within the time prescribed in this notice, the Commission will issue a notice of hearing or an appropriate order.

For further details with respect to this amendment, see the licensee's submittals dated May 7, 1963, August 13, 1963, and TWX dated July 17, 1964, all of which are available for public inspection at the Commission's Public Document Room, 1717 H Street NW., Washington, D.C.

Dated at Bethesda, Md., this 3d day of August 1964.

For the Atomic Energy Commission.

SAUL LEVINE,
*Chief, Test and Power Reactor
Safety Branch, Division of
Reactor Licensing.*

[License No. R-3, as amended, Amdt. 6]

License No. R-3, as amended, issued to Armour Research Foundation of Illinois Institute of Technology, is hereby amended in the following respects:

In addition to the activities previously authorized by the Commission in License No. R-3, as amended, the license is further amended to change the name of the licensee to "IIT Research Institute" from "Armour Research Foundation of Illinois Institute of Technology" as described in the applications for license amendment dated May 7, 1963, August 13, 1963, and TWX dated July 17, 1964.

This amendment is effective as of the date of issuance.

Date of issuance: August 3, 1964.

For the Atomic Energy Commission.

SAUL LEVINE,
*Chief, Test and Power Reactor Safety
Branch, Division of Reactor
Licensing.*

[F.R. Doc. 64-8209; Filed, Aug. 13, 1964;
8:46 a.m.]

FEDERAL COMMUNICATIONS COMMISSION

[List 63; FCC 64-783]

STANDARD BROADCAST APPLICATION READY AND AVAILABLE FOR PROCESSING

AUGUST 10, 1964.

The application listed below is mutually exclusive with the application, File No. BR-3228, of the licensee of Station WBVL, Barbourville, Kentucky, for renewal of license, in that it requests the same channel as that presently assigned to WBVL:

NEW, Barbourville, Ky.
Barbourville-Community Broadcasting Co.
Req: 950 kc, 1 kw, Day.

Accordingly, notice is hereby given that the above application is accepted for filing and that on September 16, 1964 the application will be considered as ready and available for processing, and pursuant to § 1.227(b)(1) and § 1.591(b) of the Commission's rules, an application, in order to be considered with this application, or with any other application on file by the close of business on September 15, 1964, which involves a conflict necessitating a hearing with this application, must be substantially complete and tendered for filing at the offices of the Commission in Washington, D.C., by whichever date is earlier: (a) Of the close of business on September 15, 1964; or (b) the earlier effective cutoff date which this application or any other conflicting application may have by virtue of conflicts necessitating a hearing with applications appearing on previous lists. The Commission hereby waives the provisions of the note to § 1.571 of the Commission's rules, adopted July 1, 1964, to the extent necessary to permit the acceptance of other applications seeking essentially the same facilities.

The attention of any party in interest desiring to file pleadings concerning the above application pursuant to section 309(d)(1) of the Communications Act of 1934, as amended, is directed to § 1.580(1) of the Commission's rules for the provisions governing the time of filing and other requirements relating to such pleadings.

Adopted: August 7, 1964.

FEDERAL COMMUNICATIONS
COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 64-8231; Filed, Aug. 13, 1964;
8:49 a.m.]

FEDERAL MARITIME COMMISSION

FEDERAL NEW ZEALAND LINES ET AL.

Notice of Agreements Filed for Approval

Notice is hereby given that the following agreements have been filed with the Commission for approval pursuant to

section 15 of the Shipping Act 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement(s) at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or may inspect agreements at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter), and the comments should indicate that this has been done.

Federal New Zealand Lines, Shaw Savill & Albion Co., Ltd., Port and Associated Lines, Blue Star Line Ltd.

Notice of agreement filed for approval by:

Kirlin, Campbell & Keating,
120 Broadway,
New York 5, N.Y.

Agreement No. 8535-3 between Federal New Zealand Lines, Shaw Savill & Albion Co., Ltd., Port and Associated Lines, and Blue Star Line Ltd., amends Article 1 of Agreement No. 8535 by expanding the range of ports served under the agreement to include ports in the Pacific Islands and all ports of the United States (excluding Pacific Coast ports and Hawaii), Puerto Rico, Virgin Islands, Panama Canal and inland points of the United States. Article 1 of the original Agreement No. 8535 provides service only from ports in the Dominion of New Zealand to ports on the East Coast of the United States, and ports in the Gulf of Mexico and the Panama Canal Zone.

Dated: August 10, 1964.

By order of the Federal Maritime Commission,

THOMAS LIST,
Secretary.

[F.R. Doc. 64-8201; Filed, Aug. 13, 1964;
8:46 a.m.]

[Independent Ocean Freight Forwarder
License No. 98]

ATLAS SHIPPING CO. AND THOMAS MOTTOLA

Revocation of License

Whereas, subject licensee has advised the Commission that he does not intend to carry on the business of an independent ocean freight forwarder:

It is ordered, That independent ocean freight forwarder license No. 98 is hereby revoked, effective this date.

It is further ordered, That subject licensee return license No. 98 to the Commission for revocation.

It is further ordered, That this revocation is without prejudice to the reapplication for a license by Atlas Shipping Company, Thomas Mottola, d/b/a.

By order of the Commission,

[SEAL] THOMAS LIST,
Secretary.

[F.R. Doc. 64-8202; Filed, Aug. 13, 1964;
8:46 a.m.]

UNITED STATES GREAT LAKES SCANDINAVIAN AND BALTIC EASTBOUND CONFERENCE

Notice of Agreements Filed for Approval

Notice is hereby given that the following agreements have been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement(s) at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or may inspect agreements at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter), and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Mr. R. P. DeGroote, Manager-Secretary,
U.S. Great Lakes Scandinavian and Baltic Eastbound Conference,
108 North State Street,
Chicago, Ill.

Agreement 8180-2 between member lines of the U.S. Great Lakes Scandinavian and Baltic Eastbound Conference, modifies the basic agreement (8180, as amended) to provide for the inclusion of procedures relating to Admission, Withdrawal and Expulsion pursuant to General Order 9 (46 CFR Part 523). Agreement 8180-2 also relates to the application of uniform rates for the transportation of cargo in the trade in accordance with the terms and conditions set forth in the agreement.

Dated: August 10, 1964.

By order of the Federal Maritime Commission,

THOMAS LIST,
Secretary.

[F.R. Doc. 64-8203; Filed, Aug. 13, 1964;
8:46 a.m.]

[Docket No. 1187]

REDUCED RATES ON MACHINERY AND TRACTORS FROM U.S. ATLANTIC PORTS TO PORTS IN PUERTO RICO

Suspension of Further Reduced Rates on Subject Commodities Filed by Sea-Land Service, Inc.; Amended Third Supplemental Order

The first ordering paragraph on page 2 of Third Supplemental Order in this proceeding served August 3, 1964, is hereby amended to read as follows:

Now therefore it is ordered, That the rates of 41 cents per cubic foot and 125 cents per hundred pounds published on Original Page 22-A and 12th Revised

Page No. 22 (as brought forward on 13th Revised Page No. 22) of Sea-Land Service Inc., Puerto Rican Division, Freight Tariff No. 6, FMC-F No. 2 be, and they are hereby suspended and that the use thereof be deferred to and including November 20, 1964, unless otherwise authorized by the Commission, and that the rates, fares, charges, rules, regulations, and/or practices heretofore in effect, and which were to be changed by the suspended matter shall remain in effect during the period of suspension;

The changed matter is shown in the parenthetical portion of the above paragraph; the said order remains unchanged in all other respects.

By the Commission.

[SEAL] THOMAS LIST,
Secretary.

[F.R. Doc. 64-8207; Filed, Aug. 13, 1964;
8:46 a.m.]

[Docket No. 1187]

REDUCED RATES ON MACHINERY AND TRACTORS FROM U.S. ATLANTIC PORTS TO PORTS IN PUERTO RICO

Suspension of Further Reduced Rates on Subject Commodities Filed by TMT Trailer Ferry, Inc.; Fourth Supplemental Order

It appearing, that by order dated May 26, 1964, as supplemented by order dated June 24, 1964, the Commission entered into an investigation of reduced rates on the subject commodities filed by carriers named as respondents therein;

It further appearing, that by the First Supplemental Order in this proceeding, the Commission placed all future changes affecting the transportation of the subject commodities under investigation herein;

It further appearing, that on June 29 and 30, 1964, respondent TMT Trailer Ferry, Inc. (C. Gordon Anderson, trustee) (TMT) filed amendments to its tariff scheduled to become effective August 6, 1964, which would reduce further the rates currently under investigation;

It further appearing, that the Commission is of the opinion that these further rate reductions filed by TMT, if permitted to become effective on August 6, 1964, may have a damaging effect upon the competitive status of all carriers in the trade with possible detrimental effect on shipper interests;

It further appearing, that the effective date of the said reduced rates should be suspended pending a public hearing and investigation to determine whether they are unjust, unreasonable, or otherwise unlawful under the Shipping Act, 1916, or the Intercoastal Shipping Act, 1933:

Now therefore it is ordered, That the rates of 37 cents per cubic foot and 120 cents per hundred pounds published on First Revised Pages Nos. 101 and 105 of TMT Trailer Ferry, Inc. (C. Gordon Anderson, Trustee) Freight Tariff No. 4, FMC-F No. 5 and the application of the symbols "a" and "b" on said pages be, and they are hereby suspended and that the use thereof be deferred to and including December 5, 1964, unless other-

wise authorized by the Commission, and that the rates, fares, charges, rules, regulations, and/or practices heretofore in effect, and which were to be changed by the suspended matter shall remain in effect during the period of suspension:

It is further ordered, That no change shall be made in the matter hereby suspended nor the matter which is continued in effect as a result of such suspension until the period of suspension or any extension thereof has expired, or until this investigation and suspension proceeding has been disposed of, whichever first occurs unless otherwise authorized by the Commission:

It is further ordered, That there shall be filed immediately with the Commission by TMT, a consecutively numbered supplement to the aforesaid tariff, which supplement shall bear no effective date, shall reproduce the portion of this order wherein the suspended matter is described, and shall state that the aforesaid rates are suspended and may not be used until the 6th day of December 1964, unless otherwise authorized by the Commission; and that the rates and charges heretofore in effect, and which were to be changed by the suspended matter shall remain in effect during the period of suspension, and neither the matter suspended, nor the matter which is continued in effect as a result of such suspension, may be changed until the period of suspension has expired or until this investigation and suspension proceeding has been disposed of, whichever first occurs, unless otherwise authorized by the Commission:

It is further ordered, That copies of this order shall be filed with the said tariff schedule in the Bureau of Domestic Regulation of the Federal Maritime Commission:

It is further ordered, That (I) a copy of this order shall forthwith be served all respondents, protestants and interveners herein; (II) the said respondents, protestants and interveners be notified of the time and place of the hearing herein ordered; and (III) this order and notice of the said hearing be published in the FEDERAL REGISTER.

All persons (including individuals, corporations, associations, firms, partnerships, and public bodies) having an interest in this proceeding and desiring to intervene therein, should notify the Secretary of the Commission promptly and file petitions for leave to intervene in accordance with Rule 5(n) (46 CFR 502.73).

Dated: August 4, 1964.

By the Commission.

[SEAL]

THOMAS LISI,
Secretary.

[F.R. Doc. 64-8208; Filed, Aug. 13, 1964;
8:46 a.m.]

FEDERAL POWER COMMISSION

[Docket No. G-2658 etc.]

HURLEY OIL & GAS CO. ET AL.

Findings and Order

AUGUST 7, 1964.

Findings and order after statutory hearing issuing certificates of public con-

venience and necessity, amending certificates, permitting and approving abandonment of service, terminating certificates, substituting parties, accepting and redesignating related rate schedules, substituting respondents, making successors in interest co-respondents, redesignating proceedings and requiring filings of agreements and undertakings.

Hurley Oil & Gas Company (Operator), et al. (successor to Bayview Oil Corporation (Operator), et al.) and other applicants listed herein.

Each of the Applicants listed herein has filed an application pursuant to section 7 of the Natural Gas Act for a certificate of public convenience and necessity authorizing the sale and delivery of natural gas in interstate commerce, for permission and approval to abandon service, or a petition to amend an existing certificate authorization, all as more fully described in the respective applications and petitions (and any supplements or amendments thereto) which are on file with the Commission.

The Applicants herein have filed related FPC Gas Rate Schedules and propose to initiate or abandon, add or delete natural gas service in interstate commerce as indicated by the tabulation herein. All sales certificated herein are either equal to or below the ceiling prices established by the Commission's Statement of Policy 61-1, as amended, or involve sales for which permanent certificates have been previously issued.

Forest Oil Corporation (Operator), et al., Applicant in Docket No. G-18758, proposes to continue the sale of natural gas authorized in said docket as successor in interest to W. L. Moody, III, d/b/a Properties (Operator), et al., pursuant to a contract heretofore designated as Moody's FPC Gas Rate Schedule No. 1. Moody filed a change in rate under said rate schedule which change was suspended in Docket No. RI64-406 and has not been made effective. Accordingly, Forest will be substituted in lieu of Moody as respondent in Docket No. RI64-406, and the proceeding will be redesignated.

MWJ Producing Company, Applicant in Docket Nos. G-15116, G-17633, G-17903, G-18491 and G-19802, proposes to continue the sales of natural gas which it has heretofore been authorized to make in said dockets as operator and co-owner of the producing properties. MWJ has disposed of its leasehold interests in said properties but will continue to act as operator. Therefore, the related contracts have been redesignated from MWJ Producing Company (Operator), et al., FPC Gas Rate Schedule Nos. 1-5 to MWJ Producing Company (Operator), agent, FPC Gas Rate Schedule Nos. 1-5, respectively. The presently effective rates under said rate schedules are in effect subject to refund in Docket No. RI61-370. Proposed increased rates have also been collected subject to refund in Docket No. RI60-88¹ for a prior locked-in period of time under new rate schedules. MWJ requests that the pending proceedings in Docket Nos. RI60-88 and RI61-370 be appropriately redesignated.

¹ Consolidated with Docket No. AR61-1, et al.

Hurley Oil and Gas Company (Operator), et al., Applicant in Docket Nos. G-2658 and G-8542, proposes to continue the sales of natural gas authorized in said dockets as successor in interest to Bayview Oil Corporation (Operator), et al., pursuant to contracts heretofore designated as Bayview's FPC Gas Rate Schedule Nos. 7 and 6, respectively. The presently effective rates under said rate schedules are in effect subject to refund in Docket Nos. RI64-201 and RI62-318, respectively. Hurley has filed a motion requesting to be made co-respondent with Bayview in the proceedings pending in Docket Nos. RI62-318 and RI64-201. Said motion will be granted, and Hurley will be required to file agreements and undertakings in said proceedings to assure refunds of any amounts collected on and after April 1, 1964, the date on which Hurley replaced Bayview as operator of the producing properties, in excess of the amounts determined to be just and reasonable in said proceedings.

Sohio Petroleum Company, Applicant in Docket Nos. CI62-535, CI62-675, CI62-813, CI62-850, CI62-833,² CI62-1022 and CI63-395, proposes to continue the sales of natural gas authorized in said dockets as successor in interest to M. D. Abel, et al., d/b/a Abel & Bancroft. Each of the subject sales is being made pursuant to a contract heretofore designated as an FPC Gas Rate Schedule of Abel & Bancroft, and the presently effective rate being collected under each rate schedule is in effect subject to refund, all as follows:

Certificate docket No.	Abel & Bancroft FPC gas rate schedule	Ratesuspension proceeding docket No.
CI62-535-----	12	RI64-665.
CI62-675-----	2	G-16477.
CI62-813-----	4	G-16477.
CI62-850-----	5	G-16477.
CI62-833-----	7	G-16477.
CI62-1022-----	8	RI63-410.
CI63-395-----	13	RI63-410.

Sohio has filed in Docket Nos. G-16477,³ RI63-410⁴ and RI64-665⁵ motions to be made co-respondent in said proceedings. By order issued June 5, 1964, in Docket No. G-16477, et al., Sohio was made a co-respondent in said docket with respect to the sale authorized to be made in Docket No. CI62-600 pursuant to a contract heretofore designated as Abel & Bancroft's FPC Gas Rate Schedule No. 1 and therein redesignated as Sohio's FPC Gas Rate Schedule No. 91. Accordingly, Sohio will be made a co-respondent in the proceedings pending in Docket Nos. RI63-410 and RI64-665; the proceedings will be redesignated; and Sohio will be required to file agreements and undertakings to assure refunds of any amounts collected on or after January 1, 1964, the date on which Sohio acquired the producing properties, in ex-

² A temporary certificate only has been issued in Docket No. CI62-833 to M. D. Abel, et al., d/b/a Abel & Bancroft (Operator), et al.

³ Abel & Bancroft (Operator), et al., and Sohio Petroleum Company (Operator), et al.

⁴ M. D. Abel, et al., d/b/a Abel & Bancroft (Operator), et al., and Sohio Petroleum Company (Operator), et al.

⁵ M. D. Abel, et al., d/b/a Abel & Bancroft and Sohio Petroleum Company.

cess of the amounts determined to be just and reasonable in said proceedings. Sohio's participation in the proceeding pending in Docket No. G-16477¹ will be enlarged to include sales made pursuant to the contracts heretofore designated as Abel & Bancroft's FPC Gas Rate Schedule Nos. 2, 4, 5, and 7, and the agreement and undertaking filed in said proceeding will likewise be construed to cover sales under said rate schedules.

After due notice, no petition or notice to intervene or protest to the granting of any of the respective applications or petitions has been filed.

At a hearing held on July 30, 1964, the Commission on its own motion received and made a part of the record in these proceedings all evidence, including the applications, amendments and exhibits thereto, submitted in support of the respective authorizations sought herein, and upon consideration of the record,

The Commission finds:

(1) Each Applicant herein is a "natural-gas company" within the meaning of the Natural Gas Act as heretofore found by the Commission or will be engaged in the sale of natural gas in interstate commerce for resale for ultimate public consumption, subject to the jurisdiction of the Commission, and will, therefore, be a "natural-gas company" within the meaning of said Act upon the commencement of the service under the respective authorizations granted hereinafter.

(2) The sales of natural gas hereinbefore described, as more fully described in the respective applications, amendments and/or supplements herein, will be made in interstate commerce, subject to the jurisdiction of the Commission, and such sales by the respective applicants, together with the construction and operation of any facilities subject to the jurisdiction of the Commission necessary therefor, are subject to the requirements of subsections (c) and (e) of section 7 of the Natural Gas Act.

(3) The sales of natural gas by the respective Applicants, together with the construction and operation of any facilities subject to the jurisdiction of the Commission necessary therefor, are required by the public convenience and necessity and certificates therefor should be issued as hereinafter ordered and conditioned.

(4) The respective Applicants are able and willing properly to do the acts and to perform the services proposed and to conform to the provisions of the Natural Gas Act and the requirements, rules and regulations of the Commission thereunder.

(5) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act and the public convenience and necessity require that the certificate authorizations heretofore issued by the Commission in Docket Nos. G-2658, G-7079, G-8542, G-11570, G-13095, G-15116, G-17633, G-17903, G-18491, G-18758, G-19802, CI61-7, CI61-691, CI62-535, CI62-675, CI62-813, CI62-850, CI62-1022, CI63-223, CI63-234, CI63-395,

CI63-462 and CI63-603 should be amended as hereinafter ordered.

(6) The sales of natural gas proposed to be abandoned by the respective Applicants, as hereinbefore described, all as more fully described in the tabulation herein and in the respective applications, are subject to the requirements of subsection (b) of section 7 of the Natural Gas Act, and such abandonments should be permitted and approved as hereinafter ordered.

(7) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that the certificates of public convenience and necessity heretofore issued in Docket Nos. G-11570, CI61-351, CI61-353, CI61-366 and CI61-383 to Applicants herein, relating to the several abandonments hereinafter permitted and approved, should be terminated.

(8) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that the authorization to sell natural gas from additional acreage and the certificate hereinafter issued in Docket Nos. CI63-462 and CI64-1447, respectively, should be conditioned as were the certificates issued by the order accompanying Opinion No. 353 (27 FPC 449).

(9) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that the certificate of public convenience and necessity heretofore issued in Docket No. G-19057 should be terminated because the successor in interest is authorized to continue service in Docket No. CI64-1212.

(10) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that the certificate of public convenience and necessity hereinafter issued in Docket No. CI64-1498 should be conditioned upon the filing by Applicant of an appropriate rate schedule pursuant to § 154.92 of the Regulations under the Natural Gas Act.

(11) The Applicant for a certificate of public convenience and necessity in the proceeding pending in Docket No. CI62-833 should be changed from M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., to that of its successor in interest, Sohio Petroleum Company (Operator), et al.

(12) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that the related rate schedules and supplements should be designated and accepted for filing as hereinafter ordered.

(13) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that the proceedings pending in Docket Nos. RI60-88 and RI61-370 should be redesignated from MWJ Producing Company (Operator), et al., to MWJ Producing Company (Operator), agent and that the trust agreement and the agreement and undertaking, respectively, filed in said proceedings should remain in full force and effect as though filed by MWJ Producing Company as operator and agent and not as operator and co-owner.

(14) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that Forest Oil Corporation (Operator), et al., should be sub-

stituted in lieu of W. L. Moody III, et al., d.b.a. Moody Properties (Operator), et al., as respondent in the proceeding pending in Docket No. RI64-406 and that said proceeding should be redesignated accordingly.

(15) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that Hurley Oil and Gas Company (Operator), et al., should be made correspondent with Bayview Oil Corporation (Operator), et al., in the proceedings pending in Docket Nos. RI62-318 and RI64-201; that said proceedings should be redesignated accordingly; and that Hurley should be required to file agreements and undertakings to assure refunds of any amounts collected on and after April 1, 1964, in excess of the amounts determined to be just and reasonable in said proceedings.

(16) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that Sohio Petroleum Company should be made a correspondent in the proceedings pending in Docket Nos. RI63-410 and RI64-665, that said proceedings should be redesignated accordingly, and that Sohio should be required to file agreements and undertakings to assure refunds of any amounts collected on or after January 1, 1964, in excess of the amounts determined to be just and reasonable in said proceedings.

(17) The participation of Sohio Petroleum Company as correspondent in the proceeding pending in Docket No. G-16477 should be enlarged to include sales made pursuant to contracts herein redesignated as Sohio's FPC Gas Rate Schedule Nos. 94 through 97, and the agreement and undertaking heretofore filed by Sohio in said proceeding should be construed to cover sales under said rate schedules as of January 1, 1964.

The Commission orders:

(A) Certificates of public convenience and necessity be and the same are hereby issued, upon the terms and conditions of this order, authorizing the sales by the respective Applicants herein of natural gas in interstate commerce for resale, together with the construction and operation of any facilities subject to the jurisdiction of the Commission necessary for such sales, all as hereinbefore described and as more fully described in the respective applications, amendments, supplements and exhibits in this consolidated proceeding.

(B) The certificates granted in paragraph (A) above are not transferable and shall be effective only so long as Applicants continue the acts or operations hereby authorized in accordance with the provisions of the Natural Gas Act and the applicable rules, regulations and orders of the Commission.

(C) The grant of the certificates issued in paragraph (A) above shall not be construed as a waiver of the requirements of section 4 of the Natural Gas Act or of Part 154 or Part 157 of the Commission's Regulations thereunder, and is without prejudice to any findings or orders which have been or may hereafter be made by the Commission in any proceeding now pending or hereafter instituted by or against the respective Applicants. Further, our action in this

¹ Supra.

proceeding shall not foreclose nor prejudice any future proceedings or objections relating to the operation of any price or related provisions in the gas purchase contracts herein involved. Nor shall the grant of the certificates aforesaid for service to the particular customers involved imply approval of all of the terms of the respective contracts, particularly as to the cessation of service upon termination of said contracts, as provided by section 7(b) of the Natural Gas Act. Nor shall the grant of the certificates aforesaid be construed to preclude the imposition of any sanctions pursuant to the provisions of the Natural Gas Act for the unauthorized commencement of any sales of natural gas subject to said certificates.

(D) The orders issuing certificates in Docket Nos. G-11570, CI61-691 and CI63-234 be and the same are hereby amended by deleting therefrom authorization to sell natural gas, and in all other respects said orders shall remain in full force and effect.

(E) The orders issuing certificates in Docket Nos. CI63-462 and CI63-603 be and the same are hereby amended by adding thereto authorization to sell natural gas from additional acreage, and in all other respects said orders shall remain in full force and effect.

(F) The authorization to sell natural gas from additional acreage and the certificate issued in Docket Nos. CI63-462 and CI64-1447, respectively, be and the same are hereby conditioned as follows:

(a) The initial prices shall not exceed 15.0 cents per Mcf at 14.65 psia in Docket No. CI63-462 and 17.0 cents per Mcf at 14.65 psia in Docket No. CI64-1447 including tax reimbursement plus B.t.u. adjustment;

(b) In the event that the Commission amends its Policy Statement No. 61-1 by adjusting the boundary between the Panhandle area and the "Other" Oklahoma area so as to increase the initial wellhead price for new gas in the areas of the sales involved herein, Applicants may thereupon substitute the new rates reflecting the amounts of such increases, and thereafter collect such new rates prospectively in lieu of the new rates herein required; and

(c) The allowances for take-or-pay provisions and the upward B.t.u. adjustment provisions in the related rate schedules are subject to the ultimate disposition with respect to such provisions in the rule-making proceedings in Docket Nos. R-199 and R-200; however, Applicants will not be required to file take-or-pay provisions for less than 80 percent of the annual contract quantities.

(G) The orders issuing certificates in Docket Nos. G-7079 and CI61-7 be and the same are hereby amended by deleting therefrom authorization to sell natural gas to reflect partial assignments

of the producing properties to Applicants herein.

(H) The certificates heretofore issued in the following dockets be and the same are hereby terminated: G-19057, CI61-351, CI61-353, CI61-366 and CI61-383.

(I) The certificate issued in Docket No. CI64-1498 be and the same is hereby conditioned upon the filing by Applicant of an appropriate rate schedule pursuant to § 154.92 of the regulations under the Natural Gas Act.

(J) The Applicant for a certificate in the proceeding pending in Docket No. CI62-333 be and the same is hereby changed from M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., to Sohio Petroleum Company (Operator), et al.

(K) The orders issuing certificates in the following dockets be and the same are hereby amended by changing the certificate holder to the successor in interest as set forth in the tabulation herein: G-2658, G-8542, G-13095, G-15116, G-17633, G-17903, G-18491, G-18758, G-19802, CI62-535, CI62-675, CI62-813, CI62-850, CI62-1022, CI63-223 and CI63-395.

(L) Permission for and approval of the abandonment of service by the respective Applicants, as hereinbefore described and as more fully described in the respective applications herein, are hereby granted.

(M) The related rate schedules and supplements are hereby accepted for filing subject to the applicable Commission Regulations under the Natural Gas Act and are effective and designated as indicated in the tabulation herein.

(N) The proceedings pending in Docket Nos. RI60-88 and RI61-370 be and the same are hereby redesignated from MWJ Producing Company (Operator), et al., to MWJ Producing Company (Operator), agent; and the trust agreement and the agreement and undertaking, respectively, filed in said proceedings shall remain in full force and effect as though filed by MWJ Producing Company as operator and agent and not as operator and co-owner.

(O) Forest Oil Corporation (Operator), et al., be and it is hereby substituted in lieu of W. L. Moody III, et al., d.b.a. Moody Properties (Operator), et al., as respondent in the proceeding pending in Docket No. RI64-406, and said proceeding is redesignated accordingly.

(P) Hurley Oil and Gas Company (Operator), et al., be and it is hereby made co-respondent with Bayview Oil Corporation (Operator), et al., in the proceedings pending in Docket Nos. RI62-318 and RI64-201, and said proceedings are redesignated accordingly.

(Q) Within 30 days from the issuance of this order, Hurley Oil and Gas Company (Operator), et al., shall execute in the form set out below, and shall file with the Secretary of the Commission, acceptable agreements and undertakings in

Docket Nos. RI62-318 and RI64-201 to assure refunds of any amounts, together with interest at the rate of seven percent per annum, collected on and after April 1, 1964, in excess of the amounts determined to be just and reasonable in said proceedings. Unless notified to the contrary by the Secretary of the Commission with 30 days from the date of submission, such agreements and undertakings shall be deemed to have been accepted for filing.

(R) Hurley Oil and Gas Company (Operator), et al., shall comply with the refunding and reporting procedure required by the Natural Gas Act and § 154.102 of the Regulations thereunder, and the agreements and undertakings filed by Hurley in Docket Nos. RI62-318 and RI64-201 shall remain in full force and effect until discharged by the Commission.

(S) Sohio Petroleum Company be and it is hereby made co-respondent in the proceedings pending in Docket Nos. RI63-410 and RI64-665, and said proceedings are redesignated accordingly.

(T) Within 30 days from the issuance of this order, Sohio Petroleum Company shall execute, in the form set out below, and shall file with the Secretary of the Commission, acceptable agreements and undertakings in Docket Nos. RI63-410 and RI64-665 to assure refunds of any amounts, together with interest at the rate of seven percent per annum, collected on and after January 1, 1964, in excess of the amounts determined to be just and reasonable in said proceedings. Unless notified to the contrary by the Secretary of the Commission within 30 days from the date of submission, such agreements and undertakings shall be deemed to have been accepted for filing.

(U) Sohio Petroleum Company shall comply with the refunding and reporting procedure required by the Natural Gas Act and § 154.102 of the Regulations thereunder, and Sohio's agreements and undertakings filed in Docket Nos. RI63-410 and RI64-665 shall remain in full force and effect until discharged by the Commission.

(V) The participation of Sohio Petroleum Company as co-respondent in the proceeding pending in Docket No. G-16477 be and the same is hereby enlarged to include sales made pursuant to contracts herein designated as Sohio's FPC Gas Rate Schedule Nos. 94 through 97, and the agreement and undertaking heretofore filed by Sohio in said proceeding shall be construed to cover sales under said rate schedules as of January 1, 1964.

(W) The abandonment permitted and approved in Docket No. CI64-1499 shall not be construed to relieve Applicant therein of any refund obligation in Docket No. RI62-349.

By the Commission.

[SEAL] JOSEPH H. GUTRIDE,
Secretary.

NOTICES

FPO rate schedule to be accepted		FPO rate schedule to be accepted		Applicant	Purchaser, field, and location	Description and date of document	No.	Supp.
Docket No. and date filed	Applicant	Purchaser, field, and location	Description and date of document					
G-2688 E 4-20-64	Hurley Oil & Gas Co. (Operator), et al. (successor to Hurley Oil Corp. (Operator), et al.)	Mississippi River Fuel Corp., Washom, Field, Harrison County, Tex.	Bayview Oil Corp. (Operator), et al., FPO GRS No. 7, Supplement Nos. 1-8, Notice of succession (undated), Letter 3-24-64, Effective date: 4-1-64	Sohio Petroleum Co. (successor to M. D. Abel, et al. d.b.a. Abel, & Bancroft)	El Paso Natural Gas Co., Spraberry Field, Reagan County, Tex.	M. D. Abel, et al., d.b.a. Abel & Bancroft, FPO GRS No. 2, Supplement Nos. 1-14, Notice of succession 4-30-64	394	1-14
G-8542 E 4-20-64	do	do	Bayview Oil Corp. (Operator), et al., FPO GRS No. 6, Supplement Nos. 1-8, Notice of succession (undated), Letter 3-24-64, Effective date: 4-1-64	do	El Paso Natural Gas Co., Spraberry Field, Upton and Midland Counties, Tex.	Assignment 1-1-64, Effective date: 1-1-64, M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., FPO GRS No. 4, Supplement Nos. 1-12, Notice of succession 4-30-64	395	1-12
G-13005 E 6-8-64	Leo Clymore (Operator), et al. (successor to Leo Clymore, administrator of the Estate of Garland Clymore (Operator), et al.)	Trunkline Gas Co., East Colettoville Field, Victoria County, Tex.	Letter 3-24-64, Effective date: 4-1-64	do	El Paso Natural Gas Co., Spraberry Field, Upton County, Tex.	Assignment 1-1-64, Effective date: 1-1-64, M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., FPO GRS No. 5, Supplement Nos. 1-26, Notice of succession 4-30-64	396	1-26
G-15116 4-16-64	MWJ Producing Co. (Operator), agent for formerly MWJ Producing Co. (Operator), et al.)	El Paso Natural Gas Company Spraberry Trend, Reagan County, Tex.	Assignment 4-9-62, Effective date: 3-8-63	do	El Paso Natural Gas Co., Bakke Field, Andrews County, Tex.	Assignment 1-1-64, Effective date: 1-1-64, M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., FPO GRS No. 7, Supplement Nos. 1-6, Notice of succession 4-30-64	397	1-6
G-17633 4-16-64	do	do	(y)	do	West Lake Natural Gasoline Co., Nena Luceta Field, Nolan County, Tex.	Conveyance 1-22-64, Effective date: 1-1-64, M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., FPO GRS No. 8, Supplement Nos. 1-7, Notice of succession 4-30-64	398	1-7
G-18491 4-16-64	do	do	(y)	do	Kansas, Nebraska, Natural Gas Co., Inc., Warrior Field, Logan County, Colo.	Conveyance 1-22-64, Effective date: 1-1-64, M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., FPO GRS No. 2, Assignment 2-28-64, Effective date: 2-28-64, Assignment 4-16-64 1-1-64	399	1-1
G-18765 E 4-30-64	Forest Oil Corp. (Operator), et al. (successor to W. L. Moody, III et al., d.b.a. Moody Properties (Operator), et al.)	South Texas Natural Gas Gathering Co., Santa Rita Field, Hidalgo County, Tex.	Supplement Nos. 1-6, Notice of succession 4-21-64, Effective date: 6-1-64	Frank H. Walsh (successor to N. R. Dispens, et al., by Canyon Oil Co., Inc., agent)	West Lake Natural Gasoline Co., Nena Luceta Field, Nolan County, Tex.	Notice of succession 4-30-64	399	1-6
G-19802 4-16-64	MWJ Producing Co. (Operator), agent for formerly MWJ Producing Co. (Operator), et al.)	El Paso Natural Gas Co., Spraberry Trend, Reagan County, Tex.	Letter agreement 10-18-63	Socony Mobil Oil Co., Inc.	Arkansas, Louisiana, Gas Co., Red Oak Field, Area, Pittsburg County, Okla.	Conveyance 1-22-64, Effective date: 1-1-64, M. D. Abel, et al., d.b.a. Abel & Bancroft (Operator), et al., FPO GRS No. 12, Supplement Nos. 1-4, Notice of succession 4-30-64	400	1-4
O181-691 D 6-17-64	do	Michigan Wisconsin Pipe Line Co., acreage in Devey County, Okla.	Letter agreement 1-27-64	do	Phillips Petroleum Co.	Conveyance 1-22-64, Effective date: 1-1-64	353	4
O162-335 E 5-1-64	Sohio Petroleum Co. (successor to M. D. Abel, et al. d.b.a. Abel & Bancroft)	El Paso Natural Gas Co., Inaeta, Blanco Field, La Plata County, Colo.	M. D. Abel, et al., d.b.a. Abel & Bancroft, FPO GRS No. 12, Notice of succession 5-8-64	do	Michigan-Wisconsin Pipeline Co., Calvert Newlin Leaso, Alfalfa County, Okla.	Conveyance 1-22-64, Effective date: 1-1-64, Supplemental Amendment 3-10-64, Agreement 4-16-64 1-1-64	400	1-4
O162-335 E 5-1-64	do	do	Supplement Nos. 1-4, Notice of succession 5-8-64	do	Loans Star Gas Co., East Doyle Field, Stephens County, Okla.	Amendment 4-27-64 1-1-64	388	5
O162-335 E 5-1-64	do	do	Conveyance 1-22-64, Effective date: 1-1-64	do	do	do	230	4

See footnotes at end of table.
 Filing code: A-Initial service,
 B-Abandonment
 C-Amendment to add acreage,
 D-Amendment to delete acreage,
 E-Succession.

Docket No. and date filed	Applicant	Purchaser, field, and location	FPC rate schedule to be accepted		Docket No. and date filed	Applicant	Purchaser, field, and location	FPC rate schedule to be accepted	
			Description and date of document	No.				Supp.	Description and date of document
(O104-985) A. 6-10-64	Tex-Star Oil & Gas Corp.	El Paso Natural Gas Co., Aguacero Field, La Plata County, Colo.	Contract 1-7-64 Supplemental agreement 4-6-64	33 33	(O104-1486) A. 6-10-64	Austral Oil Co., Inc.	El Paso Natural Gas Co., Huerfano Unit Field, San Juan County, N. Mex.	Contract 5-25-64 ¹⁹	22
(O104-1212) (G-19057) ²² A. 4-15-64	Benson-Montin-Greer Drilling Corp. (successor to The British-American Oil Producing Co.)	El Paso Natural Gas Co., Gallegos Gallup Sand Unit, San Juan County, N. Mex.	Assignment 7-1-63 ²¹ Assignment 7-1-63 ²¹ Contract 6-23-60 ²³ Contract 5-1-60 ²⁴ Letter agreement 6-23-60 ²⁵	33 33 9 9 9	(O104-1489) A. 6-15-64	Franks Petroleum (Operator), et al.	Arkansas Louisiana Gas Co., Sugar Creek Field, Cialhorne Parish La. The Shamrock Oil and Gas Corp., acreage in Hutchinson County, Tex.	Contract 5-22-64 ³¹ Contract 5-20-60	1 1
(O104-1377) (O101-7) ¹⁷ B. 5-15-64 (O101-353)	Fred Lamb.	Panhandle Eastern Pipe Line Co., Will Field, Stafford County, Kans.	Notice of succession 4-13-64 Assignment 3-31-60 ¹⁷ ²²	9 2	(O104-1492) A. 6-15-64	Columbian Fuel Corp.	United Fuel Gas Co., March Fork District, Raleigh County, W. Va.	Contract 3-5-64 ¹⁹	77
(O101-351)			Irv Hardman, FPC GRS No. 1. Supplement No. 1. Notice of succession 5-4-64.	1 1 1	(O104-1493) A. 6-15-64	Columbian Fuel Corp.	United Fuel Gas Co., Union District, Jackson County, W. Va.	Contract 3-6-64 ¹⁹	78
(O101-350)			Assignment of cancellation 5-4-64. ¹⁹ Hill City Cable Tool Co., FPC GRS No. 1. Supplement Nos. 1-4. Notice of succession 6-4-64.	1 1 2 2	(O104-1497) A. 6-17-64	Union Drilling, Inc.	Kansas-Nbraska Natural Gas Co., Inc., acreage in Beaver County, Okla. Cumberland and Albany Gas Co., Warren District, Upshur County, W. Va.	Contract 3-18-64 ¹⁹	1
(O101-360)			Assignment 4-8-63 Notice of cancellation 6-4-64. ¹⁹ Glenn W. Peel, FPO GRS No. 1. Supplement No. 1. Notice of succession 6-4-64.	2 2 3	(O104-1499) (G-11570) B. 6-10-64	California Oil Co., western division.	Kansas-Nbraska Natural Gas Co., Inc., Cooper Reservoir, Lost Cabin and Waltham Fields, Fremont and Natrona Counties, Wyo.	Contract 10-17-63 ¹⁹	33
(O101-363)			Assignment 4-8-63 Notice of cancellation 6-4-64. ¹⁹ H. E. Zoller, FPO GRS No. 1. Supplement No. 1. Notice of succession 6-4-64.	4 4 1 1		Graham-Michaels Drilling Co. (Operator), et al.	Kansas-Nbraska Natural Gas Co., McKinney Gas Field, Meade County, Kans.	Contract 5-6-64 ¹⁹	(*)
(O104-1447) A. 6-1-64	Gene Goff ²⁸	Mohican Wisconsin Pipe Line Co., Quinan Field, Woodward County, Okla.	Assignment 4-8-63 Notice of cancellation 6-4-64. ¹⁹ Contract 11-4-63 Letter agreement 6-10-64.	4 4 1 1				Notice of cancellation 5-7-64. ¹⁹	49
(O104-1475) A. 6-11-64	Tidewater Oil Co.	El Paso Natural Gas Co., Dakota Field, San Juan County, N. Mex.	Contract 5-6-64 Letter agreement 5-22-64 ¹⁹	134 134					
(O104-1470) A. 6-12-64	Gulf Oil Corp.	Lone Star Gathering Co., Karen Beauchamp, field Goliad County, Tex. ²⁹	Assignment 4-8-63 Notice of cancellation 6-4-64. ¹⁹ Contract 2-3-64 ¹⁹	275 275					
(O104-1481) A. 6-12-64	Shindair Oil & Gas Co.	Cities Service Gas Co., Grundyko Area, Barber County, Kans.	Contract 5-20-64 ¹⁹	318					
(O104-1482) A. 6-12-64	George A. Carlson and Western Petroleum Co., Inc.	Panhandle Eastern Pipe Line Co., acreage in Stafford County, Kans.	Contract 4-27-64 ¹⁹	1					
(O104-1484) A. 6-12-64	Hays and John W. Stone, agent for John W. Stone.	Cabot Corp., Geary District, Roano County, W. Va.	Contract 4-27-64 ¹⁹	23					
(O104-1485) (G-7079) A. 6-5-64	Blair Johnson (total succession). ³⁰	Cumberland and Albany Gas Co., acreage in Lewis County, W. Va.	Columbian Fuel Corp., FPO GRS No. 48. Supplement Nos. 1-3. Notice of succession 5-25-64. Assignment 5-19-64. Effective date: 6-1-64.	1 1 1-3 1 4					

See footnotes at end of table.

1 Rate in effect subject to refund in Docket No. R104-201.
 2 Rate in effect subject to refund in Docket No. R102-218.
 3 Refund certificate to be returned to refunding holder from MWFJ Producing Co. (Operator), et al., to MWFJ Producing Co. (Operator) as requested.
 4 Rate schedule previously reduced.
 5 Increased rates have been collected subject to refund in Docket No. R100-88 for a prior locked-in period.
 6 Presently effective rates subject to refund in Docket No. R101-270.
 7 New Operator of properties for which a certificate was issued on Nov. 22, 1960, and reaffirmed on May 11, 1961.
 8 Rate suspended in Docket No. R104-04 until June 1, 1964.
 9 Production no longer economically feasible.
 10 Effective date: Date of this order.
 11 Rate in effect subject to refund in Docket No. R104-095.
 12 Rate in effect subject to refund in Docket No. G-16477.
 13 No permanent certificate issued—temporary authorization granted only.
 14 Rate in effect subject to refund in Docket No. R103-410.
 15 Assignment of properties from the Sheriff of Logan County, Colo. (Court appointed agent) to Frank H. Walsh.
 16 Assigns acreage to Steve Goss.
 17 Effective date: Date of transfer of properties.
 18 By statement filed July 1, 1964, Applicant agreed to accept same conditions for added acreage as the terms and conditions imposed in Opinion No. 353.
 19 Effective date: Date of initial delivery.
 20 Adds acreage—specifically includes the B. C. Lundy Unit Nos. 1 and 2 in the East Doyle Field.
 21 Assignment of Lease Interest from T. H. McElvahn, et al. to Tex-Star Oil & Gas Corp.
 22 Applicant propose to continue service previously rendered by The British-American Oil Producing Co. in Docket No. G-19057.
 23 Supercedes The British-American Oil Producing Co. FPC GRS No. 44 (high-pressure contract).
 24 Supercedes The British-American Oil Producing Co. FPC GRS No. 43 (low-pressure contract).
 25 Supercedes The British-American Oil Producing Co. FPC GRS No. 42 (low-pressure contract).
 26 Part of the Lamb Unit proposed to be abandoned by Benson-Montin-Greer Drilling Corp.
 27 Assigns acreage to the British-American Oil Producing Co.'s working interest to Benson-Montin-Greer Drilling Corp. Colorado's FPC GRS No. 46 and certificate issued in Docket No. C101-7.
 28 Source of gas depleted.
 29 By letter dated June 16, 1964, Applicant agreed to accept permanent certificate with same conditions imposed in Opinion No. 353.
 30 Limited to 9-814 feet depth.
 31 Because of abandonment authorization granted in Docket No. C104-1410, Columbian Fuel Corp.'s assignment of remaining portion of the dedicated acreage to Blair Johnson makes this a total succession. Docket No. G-7079 will be terminated only with respect to the acreage previously covered by Columbian Fuel Corp., FPC GRS No. 48.
 32 Adopts Basic Contract dated May 20, 1960, between Hesse Hunt Trust and buyer. Such contract on the as Hesse Hunt Trust FPC GRS No. 33.
 33 Applicant has not filed a rate schedule, contract included as exhibit to certificate application.
 34 Rate in effect subject to refund in Docket No. R103-340.

[F.R. Doc. 64-8195; Filed, Aug. 13, 1964; 8:45 a.m.]

[Docket Nos. RI65-124, etc.]

**WUNDERLICH DEVELOPMENT CO.
ET AL.****Order Providing for Hearings on and
Suspension of Proposed Changes in
Rates¹**

AUGUST 7, 1964.

Wunderlich Development Company (Operator), et al. (and other Respondents listed herein).

The Respondents named herein have filed proposed increased rates and charges of currently effective rate schedules for sales of natural gas under Commission jurisdiction, as set forth in Appendix A below.

The proposed changed rates and charges may be unjust, unreasonable,

unduly discriminatory, or preferential, or otherwise unlawful.

The Commission finds: It is in the public interest and consistent with the Natural Gas Act that the Commission enter upon hearings regarding the lawfulness of the proposed changes, and that the supplements herein be suspended and their use be deferred as ordered below.

The Commission orders:

(A) Under the Natural Gas Act, particularly sections 4 and 15, the regulations pertaining thereto (18 CFR Ch. I), and the Commission's rules of practice and procedure, public hearings shall be held concerning the lawfulness of the proposed changes.

(B) Pending hearings and decisions thereon, the rate supplements herein are suspended and their use deferred until

date shown in the "Date Suspended Until" column, and thereafter until made effective as prescribed by the Natural Gas Act.

(C) Until otherwise ordered by the Commission, neither the suspended supplements, nor the rate schedules sought to be altered, shall be changed until disposition of these proceedings or expiration of the suspension period.

(D) Notices of intervention or petitions to intervene may be filed with the Federal Power Commission, Washington, D.C., 20426, in accordance with the rules of practice and procedure (18 CFR 1.8 and 1.37(f)) on or before September 23, 1964.

By the Commission.

[SEAL]

JOSEPH H. GUTRIDE,
Secretary.

APPENDIX A

Docket No.	Respondent	Rate schedule No.	Supplement No.	Purchaser and producing area	Amount of annual increase	Date filing tendered	Effective date unless suspended	Date suspended until—	Cents per Mcf		Rate in effect subject to refund in docket Nos.
									Rate in effect	Proposed increased rate	
RI65-124	Wunderlich Development Co. (Operator), et al., 208 Patterson Building, Omaha 2, Nebr.	1	3	Cities Service Gas Co. (Kay County, Okla.) (Oklahoma "Other" Area).	\$15,000	7-13-64	8-13-64	1-13-65	11.0	12.0	
RI65-125	Forest Oil Corp. (Operator), et al., 1300 National Bank of Commerce Building, San Antonio, Tex., 78205.	28	1	Wunderlich Development Co. (Kay County, Okla.) (Oklahoma "Other" Area).	42	6-23-64	9-1-64	2-1-65	6.2	7.2	
	Forest Oil Corp. (Operator), et al.	29	1	do.	629	6-23-64	9-1-64	2-1-65	6.2	7.2	
RI65-126	Union Texas Petroleum, a division of Allied Chemical Corp. (Operator), et al., P.O. Box 2120, Houston, Tex., 77001.	34	3	Wunderlich Development Co. (Dillworth Field, Kay County, Okla.) (Oklahoma "Other" Area).	288	6-30-64	9-1-64	2-1-65	6.2	7.2	
RI65-127	Phillips Petroleum Co., Bartlesville, Okla., 74004.	343	2	Wunderlich Development Co. (Southeast Autwine Field, Kay County, Okla.) (Oklahoma "Other" Area).	370	7-13-64	9-1-64	2-1-65	6.2	7.2	
RI65-128	Phillips Petroleum Co. Continental Oil Co. (Operator), et al., P.O. Box 2197, Houston 1, Tex.	335	2	do.	500	7-13-64	9-1-64	2-1-65	6.2	7.2	
	Continental Oil Co. (Operator), et al.	211	3	Wunderlich Development Co. (Autwine Field, West Lease, Kay County, Okla.) (Oklahoma "Other" Area).	17	7-9-64	9-1-64	2-1-65	6.2	7.2	
	Continental Oil Co. (Operator), et al.	212	3	Wunderlich Development Co. (Autwine Field, Ready Lease, Kay County, Okla.) (Oklahoma "Other" Area).	15	7-9-64	9-1-64	2-1-65	6.2	7.2	
RI65-129	Tidewater Oil Co. (Operator), et al., P.O. Box 1404, Houston, Tex., 77001.	78	2	Wunderlich Development Co. (Southwest Ponca City Field, Kay County, Okla.) (Oklahoma "Other" Area).	596	7-17-64	9-1-64	2-1-65	6.2	7.2	

¹ The stated effective date is the first day after expiration of the required statutory notice.

² Periodic rate increase.

³ Pressure base is 14.65 psia.

⁴ Subject to downward Btu adjustment.

⁵ The contractually provided effective date.

Wunderlich Development Company (Operator), et al. (Wunderlich), request that its proposed increased rate be made effective as of August 12, 1964. Good cause has not been shown for waiving the 30-day notice requirement provided in section 4(d) of the Natural Gas Act to permit an earlier effective date for Wunderlich's rate filing and such request is denied.

The proposed periodic rate increases of Forest Oil Company (Operator), et al., Union Texas Petroleum, a division of Allied Chemical Corporation (Operator), et al., Phillips Petroleum Company, Continental Oil Company (Operator), et al., and Tidewater Oil Company (Operator), et al., are for gas sold from certain fields in Kay County, Oklahoma, to Wunderlich, the gatherer and plant operator, for resale to Cities Service Gas Company. The contracts of the producers

provide for a 1.0 cent per Mcf periodic increase every five years and are geared to the gatherer's (Wunderlich) resale contract. The contractual effective date of Wunderlich is July 28, 1964, the anniversary date of the completion of the plant. The contractual effective date of the producers is September 1, 1964.

Wunderlich, the plant operator's, proposed 12.0 cents per Mcf rate increase exceeds the applicable 11.0 cents ceiling price for increased rates for the area involved as set forth in the Commission's Statement of General Policy No. 61-1, as amended (18 CFR Ch. I, Part 2, § 2.56). The producers' proposed rate increases are below the applicable area ceiling price in the area as set forth in the Commission's aforementioned Statement of General Policy but are suspended because they relate to the plant operator's proposed rate increase.

[F.R. Doc. 64-8196; Filed, Aug. 13, 1964; 8:45 a.m.]

[Docket No. RI65-8]

ATLANTIC REFINING CO.**Order Providing for Hearings on and
Suspension of Proposed Changes in
Rates; Correction**

AUGUST 6, 1964.

In the order providing for hearings on and suspension of proposed changes in rates, issued July 16, 1964 and published in the FEDERAL REGISTER July 25, 1964 (F.R. Doc. 64-7313; 29 F.R.-10404); in the chart under The Atlantic Refining Company's Rate Schedule No. 17, Supplement No. 8, change the field name to read "South Eunice Field" in lieu of "Langlie-Mattix".

GORDON M. GRANT,
Acting Secretary.

[F.R. Doc. 64-8192; Filed, Aug. 13, 1964; 8:45 a.m.]

¹ Does not consolidate for hearing or dispose of the several matters herein.

[Docket No. CP64-228]

NORTHERN NATURAL GAS CO.**Order Permitting Intervention and Fixing Date of Hearing**

AUGUST 7, 1964.

A "Notice of Application" was issued in Docket No. CP64-228 on July 2, 1964, and published in the FEDERAL REGISTER on July 10, 1964.¹ Thereafter petitions seeking leave to intervene in the above-entitled proceeding were timely filed on the dates indicated in the following tabulation:

Petitioners:	Date of Filing
Iowa Electric Light and Power Co.....	July 22, 1964
Iowa Power and Light Co.....	July 21, 1964
Iowa Public Service Co.....	July 20, 1964
Michigan Wisconsin Pipe Line Co.....	July 22, 1964
Minneapolis Gas Co.....	July 22, 1964
Minnesota Valley Natural Gas Co.....	July 22, 1964

The Commission finds: It is desirable to allow the petitioners to intervene in this proceeding, in which a hearing is herein scheduled to commence on September 1, 1964, in order that the petitioners may establish the facts and law from which the nature and validity of their alleged rights and interests may be determined and show what further action may be appropriate under the circumstances in the administration of the Natural Gas Act.

The Commission orders:

(A) Pursuant to the authority contained in, and subject to the authority conferred upon the Federal Power Commission by the Natural Gas Act, including particularly sections 7, 15, and 16, and the Commission's rules and regulations under that Act, a public hearing shall be held commencing September 1, 1964, at 10:00 a.m., e.d.s.t., in a hearing room of the Federal Power Commission, 441 G Street NW., Washington, D.C., 20426, concerning the matters involved in and the issues presented by Northern Natural Gas Company's application in Docket No. CP64-228.

(B) Northern Natural Gas Company shall, on or before August 21, 1964, file with the Commission and serve on all parties to this proceeding all exhibits and testimony of all witnesses to be sponsored by it in support of its case-in-chief, and the hearing shall thereafter be conducted pursuant to § 2.62 of the Commission's rules of practice and procedure, as amended by Order No. 280 issued March 31, 1964, in Docket No. R-240.

(C) The above-named petitioners be and they are hereby permitted to become interveners in the above-entitled proceeding subject to the rules and regulations of the Commission: *Provided, however,* That the participation of such interveners shall be limited to matters affecting asserted rights and interests as specifically set forth in said petitions for leave to intervene: *And provided further,* That the admission of such interveners shall not be construed as recognition by the Commission that they or any of

them might be aggrieved because of any order or orders of the Commission entered in this proceeding.

By the Commission.

[SEAL] GORDON M. GRANT,
Acting Secretary.

[F.R. Doc. 64-8194; Filed, Aug. 13, 1964;
8:45 a.m.]

FEDERAL RESERVE SYSTEM**PROVIDENT TRADESMEN BANK AND TRUST CO.****Order Approving Merger of Banks**

In the matter of the application of Provident Tradesmen Bank and Trust Co. for approval of merger with Second National Bank of Philadelphia.

There has come before the Board of Governors, pursuant to the Bank Merger Act of 1960 (12 U.S.C. 1828(c)), an application by Provident Tradesmen Bank and Trust Co., Philadelphia, Pa., a State member bank of the Federal Reserve System, for the Board's prior approval of the merger of that bank and Second National Bank of Philadelphia, Philadelphia, Pa., under the charter and title of Provident Tradesmen Bank and Trust Co. As an incident to the merger, the five offices of Second National Bank of Philadelphia would become branches of Provident Tradesmen Bank and Trust Co. Notice of the proposed merger, in form approved by the Board, has been published pursuant to said Act.

Upon consideration of all relevant material in the light of the factors set forth in said Act, including reports furnished by the Comptroller of the Currency, the Federal Deposit Insurance Corporation, and the Department of Justice on the competitive factors involved in the proposed transaction,

It is hereby ordered, For the reasons set forth in the Board's Statement¹ of this date, that said application be and hereby is approved, provided that said merger shall not be consummated (a) within seven calendar days after the date of this order, or (b) later than three months after said date.

Dated at Washington, D.C., this 7th day of August 1964.

By order of the Board of Governors.²

[SEAL] KENNETH A. KENYON,
Assistant Secretary.

[F.R. Doc. 64-8191; Filed, Aug. 13, 1964;
8:45 a.m.]

¹ Filed as part of the original document. Copies available upon request to the Board of Governors of the Federal Reserve System, Washington, D.C., 20551, or to the Federal Reserve Bank of Philadelphia. Dissenting Statement of Governor Mills, and Dissenting Statement of Governors Robertson and Mitchell also filed as part of the original document and available upon request.

² Voting for this action: Chairman Martin, and Governors Balderston, Shepardson, and Daane. Voting against this action: Governors Mills, Robertson, and Mitchell.

HOUSING AND HOME FINANCE AGENCY**Public Housing Administration
CERTAIN DESIGNATED OFFICIALS****Delegation of Final Authority**

Section II, Delegation of Final Authority, is amended by changing paragraph E5 to read as follows:

5. To attest all documents requiring attestation and certify that copies of documents, leases, contracts, and other papers are identical with the originals:

In the Central Office:

Director of the Office Services Branch
Financing Officers, Legal Division
Secretary to the Director of the Office Services Branch

In the Regional Offices:

Secretaries to the Regional Attorneys (except Fort Worth Regional Office)
Financing Assistant, Fort Worth Regional Office
Production Control Assistants
Document Control Clerks
Regional Attorney, Philadelphia Regional Office

This delegation supersedes the delegation approved December 6, 1963 (28 F.R. 13528, 12-13-63).

Effective as of the 3d day of August 1964.

Approved: August 7, 1964.

[SEAL] MARIE C. MCGUIRE,
Commissioner.

[F.R. Doc. 64-8197; Filed, Aug. 13, 1964;
8:45 a.m.]

INTERNATIONAL JOINT COMMISSION—UNITED STATES AND CANADA**VANCEBORO DAM****Public Notice Relating to Construction**

August 6, 1964.

Notice is hereby given that the International Joint Commission has received an application by The St. Croix Paper Company, a subsidiary of the Georgia-Pacific Corporation, pursuant to Article III of the Boundary Waters Treaty, for approval of the construction, maintenance and operation of a concrete-gravity type dam and fishway at Vanceboro, Maine-St. Croix, New Brunswick to replace the existing squared-timber dam. The Applicant states that the proposed structure will not change the existing water levels on Spednik Lake.

Notice is also given that the International Joint Commission, pursuant to its rules of procedure, will conduct a Public Hearing on this matter at Calais, Maine, in the National Guard Armory on 17 September, 1964 beginning at 10:00 a.m., local time.

At this hearing, all interested persons will be given opportunity to present their views regarding the proposed dam. Oral

statements will be heard, but for accuracy of the record all important facts and arguments should be submitted in writing. Written submissions may be filed with the Secretaries either before or at the hearing. Fifty copies should be provided.

Copies of the application and drawings pertaining to the proposed dam are available for inspection at the offices of the Commission in Washington and Ottawa and at the following places:

UNITED STATES

St. Croix Paper Co., Georgia-Pacific Corp., Woodland, Maine.
U.S. Customs Office, Vanceboro, Maine.
Office of the Town Manager, Calais, Maine.
Public Library, 145 Harlow St., Bangor, Maine.

CANADA

Office of the Town Clerk, St. Stephen, New Brunswick.
Office of the Town Clerk, Milltown, New Brunswick.
Public Library, McAdam, New Brunswick.
St. Stephen-St. Croix Community Library, St. Stephen, New Brunswick.

WILLIAM A. BULLARD,
Secretary, United States Section,
International Joint Commission.
D. G. CHANCE,
Secretary, Canadian Section,
International Joint Commission.

[F.R. Doc. 64-8213; Filed, Aug. 13, 1964;
8:47 a.m.]

SMALL BUSINESS ADMINISTRATION

[Delegation of Authority No. 30-X; Amdt. 6]

DALLAS REGIONAL AREA

Delegation of Authority To Conduct Program Activities in Regional Offices

Pursuant to the authority delegated to the Regional Director by Delegation of Authority No. 30 (Revision 8), 28 F.R. 3228, as amended, 7204, 8179; 29 F.R. 4842, 5489, and 7571; Delegation of Authority No. 30-X, 28 F.R. 4934, as amended, 8179; 29 F.R. 6454, (Amendments 2, 3, and 4); and 7901, is hereby amended by:

1. Deleting the text of Item I.K.5. and substituting the following in lieu thereof:

I. * * *
K. * * *

5. Item I.C. 12—only the authority for servicing, administration and collection, including subitems a., b., and c.

Effective Date: July 31, 1964.

ROBERT E. WEST,
Regional Director,
Dallas.

[F.R. Doc. 64-8210; Filed, Aug. 13, 1964;
8:46 a.m.]

[Delegation of Authority No. 30-XII,
Rev. 1; Amdt. 2]

LOS ANGELES REGIONAL AREA

Delegation of Authority To Conduct Program Activities

I. Pursuant to the authority delegated to the Regional Director by Delegation of

Authority No. 30 (Revision 8), as amended, 28 F.R. 3228, 7204, 8179; 29 F.R. 4832, 5489, and 7571; Delegation of Authority No. 30-XII, Revision 1, 29 F.R. 9581 and Amendment 1, dated July 10, 1964, is hereby amended by adding subitem 11. to Item I.K. to read as follows:

11. Items I.K. 1., 2., 3., 4., 5., 9., and 10. may be re-delegated to the Chief, Financial Assistance Section in the San Francisco Branch Office.

Effective date: July 30, 1964.

ALVIN P. MEYERS,
Regional Director,
Los Angeles Regional Office.

[F.R. Doc. 64-8211; Filed, Aug. 13, 1964;
8:47 a.m.]

INTERSTATE COMMERCE COMMISSION

FOURTH SECTION APPLICATIONS FOR RELIEF

AUGUST 11, 1964.

Protests to the granting of an application must be prepared in accordance with Rule 1.40 of the general rules of practice (49 CFR 1.40) and filed within 15 days from the date of publication of this notice in the FEDERAL REGISTER.

LONG-AND-SHORT HAUL

FSA No. 39183: *Cotton from and to points in southern territory.* Filed by O. W. South, Jr., agent (No. A4550), for interested rail carriers. Rates on cotton, in carloads, from points in Mississippi Valley territory, to points in southern territory; also between points in southern territory.

Grounds for relief: Unregulated motor competition.

Tariffs: Supplements 15 and 71 to Southern Freight Association, agent, tariffs I.C.C. S-214 and 1607, respectively.

FSA No. 39184: *Sugar, beet or cane to Deerfield, Ill.* Filed by Western Trunk Line Committee, agent (No. A-2367), for interested rail carriers. Rates on sugar, beet or cane, in bulk in covered hopper cars, in carloads, from points in transcontinental, Montana and western trunkline territories, to Deerfield, Ill.

Grounds for relief: Market competition.

Tariffs: Supplement 19 to Western Trunk Line Committee, agent, tariff I.C.C. A-4481, and 3 other schedules named in the application.

FSA No. 39185: *Ferro-Alloys from Marietta, Ohio to Houston, Tex.* Filed by Southwestern Freight Bureau, agent (No. B-8581), for interested rail carriers. Rates on ferro-alloys, as described in the application, in carloads, from Marietta, Ohio, to Houston, Tex.

Grounds for relief: Truck-barge competition.

Tariff: Supplement 206 to Southwestern Freight Bureau, agent, tariff I.C.C. 4397.

FSA No. 39186: *T.O.F.C. rates on glassware within southwestern territory.* Filed by Southwestern Freight Bureau, agent (No. B-8587), for interested rail carriers. Rates on glassware, loaded in

or on trailers and transported on railroad flatcars, from Jonesboro, Ark., to points in Louisiana, Oklahoma, and Texas, also Memphis, Tenn.; and from points in Arkansas, Oklahoma, and Texas to points in Arkansas and Oklahoma, also Memphis, Tenn., and Natchez, Miss.

Grounds for relief: Modified shortline distance scale and grouping.

Tariff: Supplement 176 to Southwestern Freight Bureau, agent, tariff I.C.C. 4353.

FSA No. 39187: *Liquid caustic soda to points in Alabama and Georgia.* Filed by Southwestern Freight Bureau, agent (No. B-8586), for interested rail carriers. Rates on liquid caustic soda, in tank carloads, from points in Louisiana and Texas, also Baldwin, Ark., to Fairfax, Lanett, and Opelika, Ala., also Cartersville and Columbus, Ga.

Grounds for relief: Market competition.

Tariffs: Supplements 47, 145 and 40 to Southwestern Freight Bureau, agent, tariffs I.C.C. 4529, 4450 and 4534, respectively.

By the Commission.

[SEAL] HAROLD D. MCCOY,
Secretary.

[F.R. Doc. 64-8205; Filed, Aug. 13, 1964;
8:46 a.m.]

[Rev. S.O. 562; Taylor's I.C.C. Order 174-A]

MISSOURI-ILLINOIS RAILROAD CO.

Rerouting and Diversion of Traffic; Vacation of Order

Upon further consideration of Taylor's I.C.C. Order No. 174 (Missouri-Illinois Railroad Co.) and good cause appearing therefor:

It is ordered, That:

(a) Taylor's I.C.C. Order No. 174 be, and it is hereby vacated and set aside.

(b) *Effective date.* This order shall become effective at 9:00 a.m., July 25, 1964.

It is further ordered, That this order shall be served upon the Association of American Railroads, Car Service Division, as agent of all railroads subscribing to the car service and per diem agreement under the terms of that agreement and by filing it with the Director, Office of the Federal Register.

Issued at Washington, D.C., July 25, 1964.

INTERSTATE COMMERCE
COMMISSION,

[SEAL] CHARLES W. TAYLOR,
Agent.

[F.R. Doc. 64-8218; Filed, Aug. 13, 1964;
8:47 a.m.]

[Rev. S.O. 562; Taylor's I.C.C. Order 175]

ANN ARBOR RAILROAD CO.

Rerouting and Diversion of Traffic

In the opinion of Charles W. Taylor, agent, The Ann Arbor Railroad Co. is unable to transport traffic routed over its line because of car ferry out of operation for repairs.

It is ordered, That:

(a) Rerouting traffic: The Ann Arbor Railroad Company being unable to transport traffic in accordance with shippers' routing over its line, because of car ferry out of operation for repairs, is hereby authorized to divert or reroute such traffic over any available route to expedite the movement regardless of the routing shown on the waybill. The billing covering all such cars rerouted shall carry a reference to this order as authority for the rerouting.

(b) Concurrence of receiving road to be obtained: The railroad desiring to divert or reroute traffic under this order shall confer with the proper transportation officer of the railroad to which such traffic is to be diverted or rerouted, and shall receive the concurrence of such other railroad before the rerouting or diversion is ordered.

(c) Notification to shippers: Each carrier rerouting cars in accordance with this order shall notify each shipper at

the time each car is rerouted or diverted and shall furnish to such shipper the new routing provided under this order.

(d) Inasmuch as the diversion or rerouting of traffic by said agent is deemed to be due to carrier's disability, the rates applicable to traffic diverted or rerouted by said Agent shall be the rates which were applicable at the time of shipment on the shipments as originally routed.

(e) In executing the directions of the Commission and of such Agent provided for in this order, the common carriers involved shall proceed even though no contracts, agreements, or arrangements now exist between them with reference to the divisions of the rates of transportation applicable to said traffic; divisions shall be, during the time this order remains in force, those voluntarily agreed upon by and between said carriers; or upon failure of the carriers to so agree, said divisions shall be those hereafter fixed by the Commission in accordance with pertinent authority conferred

upon it by the Interstate Commerce Act.

(f) Effective date: This order shall become effective at 10:30 a.m., August 8, 1964.

(g) Expiration date: This order shall expire at 11:59 p.m., August 17, 1964, unless otherwise modified, changed, suspended, or annulled.

It is further ordered, That this order shall be served upon the Association of American Railroads, Car Service Division, as agent of all railroads subscribing to the car service and per diem agreement under the terms of that agreement and by filing it with the Director, Office of the Federal Register.

Issued at Washington, D.C., August 8, 1964.

INTERSTATE COMMERCE
COMMISSION,
CHARLES W. TAYLOR,
Agent.

[SEAL]

[F.R. Doc. -64-8206; Filed, Aug. 13, 1964; 8:46 a.m.]

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Washington, Friday, August 14, 1964

Department of Health, Education, and Welfare
Food and Drug Administration

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DRUGS

Miscellaneous Amendments

Title 21—FOOD AND DRUGS

Chapter I—Food and Drug Administration, Department of Health, Education, and Welfare

SUBCHAPTER C—DRUGS

PART 148i—NEOMYCIN SULFATE

Tests and Methods of Assay and Certification

The Commissioner of Food and Drugs has evaluated the views and comments received in response to the notices of proposed rulemaking published in the FEDERAL REGISTER of May 2, 1963 (28 F.R. 4395), and has concluded that the following regulations should be issued for the certification of neomycin and neomycin-containing drugs subject to the Drug Amendments of 1962 (76 Stat. 785-787; Public Law 87-781). Therefore, pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357), and under the authority delegated to him by the Secretary of Health, Education, and Welfare (21 CFR 2.90; 29 F.R. 471), Part 148i of Title 21 is revised as follows:

- Sec. 1481.12 Neomycin sulfate-hydrocortisone acetate suppositories.
- 1481.13 [Reserved]
- 1481.14 Neomycin sulfate-triamcinolone acetate topical aerosol; neomycin sulfate-dexamethasone topical aerosol.
- 1481.15 Neomycin sulfate-polymyxin B sulfate----- ophthalmic suspension; neomycin sulfate-polymyxin B sulfate----- ophthalmic solution (the blanks being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a)(1) of this section).
- 1481.16 Neomycin sulfate-polymyxin B sulfate ointment.
- 1481.17 [Reserved]
- 1481.18 Neomycin sulfate-polymyxin B sulfate-hydrocortisone otic suspension; neomycin sulfate-polymyxin B sulfate-hydrocortisone-sodium heparin otic suspension.
- 1481.19 Neomycin sulfate-polymyxin B sulfate-acetasone vaginal suppositories.
- 1481.20 Neomycin sulfate-polymyxin B sulfate-gramicidin ophthalmic solution.
- 1481.21 Neomycin sulfate-polymyxin B sulfate-gramicidin-hydrocortisone-hydroxyamphetamine hydrobromide-phenylephrine hydrochloride nasal solution.
- 1481.22 Neomycin sulfate for prescription compounding.
- 1481.23 Neomycin sulfate-gramicidin----- ophthalmic solution; neomycin sulfate-gramicidin----- ophthalmic suspension (the blanks being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a)(1) of this section).
- 1481.24 Neomycin sulfate-gramicidin-hydrocortisone-thonzylamine hydrochloride-thonzonium bromide otic solution.
- 1481.25 Neomycin sulfate-gramicidin-triamcinolone acetate lotion; neomycin sulfate-gramicidin-fludrocortisone acetate lotion.
- 1481.26 Neomycin sulfate-gramicidin ointment; neomycin sulfate-gramicidin-triamcinolone acetate ointment; neomycin sulfate-gramicidin-fludrocortisone acetate ointment.
- 1481.27 Neomycin sulfate-gramicidin-triamcinolone acetate cream.
- 1481.28 [Reserved]
- 1481.29 Neomycin sulfate-nystatin tablets.

AUTHORITY: The provisions of this Part 148i issued under sec. 507, 59 Stat. 463, as amended 76 Stat. 785, 786, 787; 21 U.S.C.A. 357.

§ 148i.1 Neomycin sulfate.

(a) *Requirements for certification—*
(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate is the sulfate salt of a kind of neomycin or a mixture of two or more such salts. It is so purified and dried that:

- (i) It has a potency of not less than 600 micrograms of neomycin per milligram, calculated on an anhydrous basis.
- (ii) It is sterile.
- (iii) It is nonpyrogenic.
- (iv) It is nontoxic.
- (v) Its moisture content is not more than 8.0 percent.
- (vi) Its pH in an aqueous solution containing 33 milligrams per milliliter is not less than 5.0 and not more than 7.5.

(vii) It exhibits absorption maxima, within $\pm 2 m\mu$, at 232 $m\mu$ and 278 $m\mu$ when dissolved in sulfuric acid, and the ratio of the absorption peak at 232 $m\mu$ $\pm 2 m\mu$ and 278 $m\mu$ $\pm 2 m\mu$, $\frac{A_{278}}{A_{232}}$, is not less than 1.20 and not more than 1.50.

(2) *Packaging.* In addition to the requirements of § 148.2 of this chapter, if it is packaged for dispensing and is intended for intramuscular, intraperitoneal, or topical use, each immediate container shall contain 0.35, 3.5 or 7.0 grams of neomycin.

(3) *Labeling.* In addition to the requirements of § 148.3 of this chapter, if the drug is packaged for dispensing its labeling shall bear adequate warnings for its intramuscular or intraperitoneal use for hospitalized patients only, so as to provide constant supervision by a physician. The labeling shall bear the statement "Refrigerate solution." Its expiration date is 12 months.

(4) *Request for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on the batch for potency, sterility, pyrogens, toxicity, moisture, pH, and identity.

(ii) Samples required:

(a) If the batch is packaged for repackaging or for use in the manufacture of another drug:

(1) For all tests except sterility: 10 packages, each containing approximately 300 milligrams.

(2) For sterility testing: 10 packages, each containing approximately 500 milligrams.

(b) If the batch is packaged for dispensing:

(1) For all tests except sterility: A minimum of 10 immediate containers.

(2) For sterility testing: 10 immediate containers.

(5) *Fees.* \$5.00 for each container submitted in accordance with subparagraph (4) (ii) (a) (1) and (b) (1), of this paragraph; \$10.00 for all samples submitted in accordance with subparagraph (4) (ii) (a) (2) and (b) (2) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency.* Use either of the following methods:

(i) *Plate assay using Staphylococcus epidermidis (ATCC 12228)—*(a) *Cylinders (cups).* Use cylinders described in § 141a.1(a) of this chapter.

(b) *Culture media.* Using ingredients that conform to the standards prescribed by the U.S.P. or N.F.:

(1) Make nutrient agar for carrying the test organism as follows:

Peptone	6.0 gm.
Pancreatic digest of casein	4.0 gm.
Yeast extract	3.0 gm.
Beef extract	1.5 gm.
Dextrose	1.0 gm.
Agar	15.0 gm.
Distilled water q.s.	1,000.0 ml.
pH 6.5 to 6.6 after sterilization.	

(2) Make nutrient agar for the base and seed layers as described in (b) (1) of this subdivision, except that its pH after sterilization is 7.8 to 8.0.

In lieu of preparing the media from the individual ingredients specified in (b)

of this subdivision, they may be made from a dehydrated mixture that, when reconstituted with distilled water, has the same composition as such media. Minor modification of the individual ingredients specified in (b) of this subdivision are permissible if the resulting media possess growth-promoting properties at least equal to the media described.

(c) *Working standard.* Dry a portion of the working standard for 3 hours at 60° C. and a pressure of 5 millimeters or less. Determine the dry weight, and dissolve in sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. When stored under refrigeration, the stock solution may be used for a period not exceeding 2 weeks.

(d) *Preparation of sample.* Dissolve an accurately weighed sample in sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration; and also, if it is packaged for dispensing, reconstitute as directed in the labeling, remove an accurately measured representative portion with a suitable syringe fitted with a 22-gage needle; and dilute with sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Further dilute the stock solution with sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a reference concentration of 1.0 microgram of neomycin per milliliter (estimated).

(e) *Preparation of test organism.* The test organism is *Staphylococcus epidermidis* (ATCC 12228), which is maintained on slants of nutrient agar described in (b)(1) of this subdivision. Using 3 milliliters of U.S.P. saline T.S., wash the organism from the nutrient agar slant (which has been incubated for 24 hours at 32° C.-35° C.) onto a large nutrient agar surface such as that provided by a Roux bottle containing 300 milliliters of nutrient agar. Incubate for 24 hours at 32° C.-35° C. Wash the resulting growth from the nutrient surface, using 50 milliliters of sterile U.S.P. saline T.S. Adjust the volume of the suspension so that a 1:14 dilution will give 25 percent light transmission when measured with a suitable photoelectric colorimeter having a 580 m μ filter and a 13-millimeter diameter test tube as an absorption cell. By the use of test plates, determine the appropriate inoculum of the adjusted suspension (usually 0.1 milliliter) to be inoculated to each 100 milliliters of seed layer agar in order to obtain satisfactory zones of inhibition. The suspension may be used for 1 week if stored under refrigeration.

(f) *Preparation of plates.* Add 21 milliliters of the agar prepared as described in (b)(2) of this subdivision to each Petri dish (20 millimeters x 100 millimeters). Distribute the agar evenly in the plates and allow to harden on a level surface. Accurately measure a sufficient quantity of the nutrient agar, cool to 48° C., and add the appropriate inoculum of the adjusted suspension, prepared as described in (e) of this subdivision. Swirl the inoculated nutrient agar to obtain a homogeneous suspension, and add 4 milliliters to each of the

plates containing the 21 milliliters of uninoculated nutrient agar. Tilt the plates back and forth to spread the inoculated nutrient agar evenly, and allow to harden on a level surface. After the agar has hardened, place six cylinders described in (a) of this subdivision on the inoculated agar surface so that they are at approximately 60° intervals on a 2.8-centimeter radius. Use the plates the same day they are prepared.

(g) *Standard curve.* Using the stock solution of the working standard prepared as described in (c) of this subdivision, prepare solutions in 0.1M potassium phosphate buffer pH 8.0 of the following concentrations: 0.64, 0.8, 1.0, 1.25, 1.56 micrograms of neomycin per milliliter. The 1.0 microgram per milliliter concentration is the reference concentration of the assay. Use a total of 12 plates, three plates for each solution except the reference point solution which is included on each plate. On each of the three plates, fill three cylinders with the reference point solution and the other three cylinders with the concentrations under test. Thus, there will be 36 reference point determinations and nine determinations for each of the other points on the curve. After the plates have incubated, read the diameters of the circles of inhibition. Average the readings of the reference point concentration and the readings of the point tested for each set of three plates and average also all 36 readings of the reference point concentration. The average of the 36 readings of the reference point concentration is the correction point of the curve. Correct the average value obtained for each point to the figure it would be if the reference point reading for that set of three plates were the same as the correction point. Thus, if in correcting the 0.8-microgram concentration, the average of the 36 readings of the 1.0 microgram per milliliter (reference point) concentration is 16.5 millimeters and the average of the 1.0 microgram per milliliter concentration of the set of three plates (the 0.8 microgram per milliliter set) is 16.3 millimeters, the correction is +0.2 millimeter. If the average readings of the 0.8 microgram per milliliter concentration of these same three plates is 15.9 millimeters, the corrected value is then 16.1 millimeters. Plot these corrected values, including the average of the 1.0 microgram per milliliter concentration, on 2-cycle semilog paper, using the concentration in micrograms per milliliter as the ordinate (the logarithmic scale) and the diameter of the zone of inhibition as the abscissa. Draw the standard curve through these points either by inspection or by means of the following equations:

$$L = \frac{3a + 2b + c - e}{5}$$

$$H = \frac{3e + 2d + c - a}{5}$$

where:

L = Calculated zone diameter for the lowest concentration of the standard curve;

H = Calculated zone diameter for the highest concentration of the standard curve;

c = Average zone diameter of 36 readings of the reference point standard solution;

a, b, d, e = Corrected average values for the other standard solutions, lowest to highest concentrations, respectively.

(h) *Assay procedure.* Use three plates for each sample. Fill three cylinders on each plate with the standard and three cylinders with the sample, which has been diluted to the reference concentration, alternating standard and sample. Incubate the plates for 16 hours to 18 hours at 32° C.-35° C., and then measure the diameter of each zone of inhibition. To estimate the potency of the sample, average the zone readings of the standard and the zone readings of the sample on the three plates used. If the sample gives a larger zone size than the average of the standard, add the difference between them to the reference point zone of the standard curve. If the average value is lower than the standard value, subtract the difference between them from the reference point value on the curve. From the curve, read the potencies corresponding to these corrected value of zone sizes.

(i) *Plate assay using *Staphylococcus aureus* (ATCC 6538P).* Proceed as directed in subdivision (i) of this subparagraph, except that the reference concentration of the sample under test is 10.0 micrograms of neomycin per milliliter; the concentrations of the standard curve solutions are 6.4, 8.0, 10.0, 12.5, 15.6 micrograms of neomycin per milliliter; and the suspension of the test organism, *Staphylococcus aureus* (ATCC 6538P), is adjusted so that a 1:19 dilution will give 25 percent light transmission and the usual inoculum for each 100 milliliters of agar for the seed layer is 0.2 milliliter of the adjusted suspension.

If it is packaged for dispensing, its content of neomycin is not less than 90 percent and not more than 120 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Sterility.* Using 500 milligrams from each container tested, proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *Pyrogens.* Proceed as directed in § 141a.3 of this chapter, using a test dose of 1.0 milliliter per kilogram of a solution containing 10 milligrams of neomycin per milliliter in pyrogen-free, sterile U.S.P. saline T.S.

(4) *Toxicity.* Proceed as directed in § 141a.4 of this chapter, using 0.5 milliliter of a solution containing 200 micrograms of neomycin per milliliter in sterile U.S.P. saline T.S.

(5) *Moisture.* In an atmosphere of about 10 percent relative humidity, transfer about 100 milligrams of the finely powdered sample to a tared weighing bottle equipped with ground-glass top and stopper. Weigh the bottle and place it in a vacuum oven, tilting the stopper on its side so that there is no closure during the drying period. Dry at a temperature of 60° C. and a pressure of 5 millimeters of mercury or less for 3 hours. At the end of the drying period, fill the vacuum oven with air dried by passing it through a drying agent such as sulfuric acid or silica gel. Replace the stopper and place the weighing bottle in a desiccator over a

desiccating agent such as phosphorus pentoxide or silica gel, allow to cool to room temperature, and reweigh. Calculate the percent loss.

(6) *pH*. Proceed as directed in § 141a.5(b) of this chapter, using a solution containing 33 milligrams of neomycin per milliliter.

(7) *Identity*. Place about 10 milligrams of the sample into a test tube (19 millimeters x 150 millimeters), dissolve with 1 milliliter of water and then add 5 milliliters of a 40 percent volume to volume sulfuric acid solution. Heat in a boiling water bath for 100 minutes. Cool and dilute to a volume of 25 milliliters with water. Use a suitable recording ultraviolet spectrophotometer and 1-centimeter quartz cells. Set the instrument to 100 percent transmission with an 8 percent sulfuric acid solution. Record the spectrum from 220 $m\mu$ to 300 $m\mu$. The ratio of the two maximum absorbances $\left(\frac{A_{278}}{A_{322}}\right)$ should be not less than

1.20 and not more than 1.50.

§ 148i.2 Neomycin undecylenate.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. Neomycin undecylenate is the undecylenate salt of a kind of neomycin or a mixture of two or more such salts. It is so purified and dried that:

(i) It contains not less than 300 micrograms of neomycin per milligram, calculated on an anhydrous basis.

(ii) It contains not less than 600 micrograms of undecylenic acid per milligram, calculated on an anhydrous basis.

(iii) Its moisture content is not more than 5.0 percent.

(iv) The pH of a solution containing 50 milligrams per milliliter in 80 percent methyl alcohol is not less than 6.5 and not more than 7.0.

(v) It gives a positive identity test for neomycin undecylenate.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on the batch for potency, moisture, pH, and identity.

(ii) Samples required: 10 packages, each containing approximately 300 milligrams.

(4) *Fees*. \$4.00 for each package in the sample submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*—(i) *Neomycin content*. Proceed as directed in § 148i.1(b) (1) (i), except prepare the sample for assay as follows: Accurately weigh approximately 500 milligrams of neomycin undecylenate, transfer to a 250-milliliter volumetric flask, add 50 milliliters of chloroform, and mix well. Adjust to volume with 95 percent ethyl alcohol, and mix well. Dilute and aliquot with 0.1M potassium phosphate buffer, pH 8.0, to the reference concentration of 1.0 microgram of neomycin per milliliter.

(ii) *Undecylenic acid content*—(a) *Reagents*—(1) *Alcohol*. Use 95 percent ethyl alcohol (aldehyde-free).

(2) *Phenolphthalein indicator*. Dissolve 1 gram of phenolphthalein in 100 milliliters of alcohol.

(3) *Alcoholic sodium hydroxide (about 0.1N)*. Prepare alcoholic sodium hydroxide solution as follows: Weigh rapidly about 5 grams of sodium hydroxide pellets, dissolve in 10 milliliters of water, and add sufficient alcohol to make 1,000 milliliters. Allow the solution to stand in a tightly stoppered bottle protected from light for 24 hours. Then quickly decant the clear supernatant liquid into a suitable tight container and store protected from light. Determine the undecylenic acid equivalent of this solution each time an assay is performed.

(b) *Procedure*. Weigh accurately two 100-milligram portions of undecylenic acid (N.F. grade) and place each into separate Erlenmeyer flasks. Also make two accurate weighings of the neomycin undecylenate sample, each consisting of about 120 milligrams, and place each into separate Erlenmeyer flasks. Carefully dissolve each weighing in 10 milliliters of alcohol. Add two drops of phenolphthalein indicator and titrate to the endpoint. Determine the amount of alcoholic sodium hydroxide equivalent to 10 milliliters of alcohol and make this reagent-blank correction for each titration. Determine the undecylenic acid equivalent of the alcoholic sodium hydroxide, and calculate the undecylenic acid content of the neomycin undecylenate sample.

(2) *Moisture*. Proceed as directed in § 141a.5(a) of this chapter.

(3) *pH*. Proceed as directed in § 141a.5(b) of this chapter, except use a solution containing 50 milligrams per milliliter in 80 percent methyl alcohol.

(4) *Identity*. Weigh approximately 1 milligram of neomycin undecylenate and mix thoroughly with 200 milligrams of dried infrared spectrophotometric quality potassium bromide in a small ball mill for about 1 minute. Prepare a potassium bromide disc by transferring the uniform mixture to a die of suitable size. Evacuate gradually while raising the pressure to 3,000 pounds per square inch. Hold at 3,000 pounds per square inch until evacuation is complete and then raise the pressure to 20,000 pounds per square inch. Hold this pressure for 2 or 3 minutes. Using a suitable infrared spectrophotometer, run the spectrum from 2 μ to 16 μ . Use an attenuator if necessary. Characteristic undecylenic acid peak absorbances occur at 7.1 and 11 μ distinguishing neomycin undecylenate from neomycin sulfate.

§ 148i.3 Neomycin sulfate ointment; neomycin sulfate ointment (the blank being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a) (1) of this section).

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. Neomycin sulfate ointment contains, in each gram, 3.5

milligrams of neomycin in a suitable and harmless water-soluble or oleaginous ointment base, with or without one or more suitable and harmless dispersants, emollients, and preservatives. The following other drugs may be combined with neomycin sulfate ointment in the indicated amounts, per gram:

(i) If it is for topical use:

(a) 0.5 milligram of fluorandrenolone; or

(b) 0.25 milligram of fluorometholone; or

(c) 5.0, 10.0, 15.0, or 25.0 milligrams of hydrocortisone acetate; or

(d) 10.0 or 25.0 milligrams of hydrocortisone; or

(e) 5.0 milligrams of hydrocortamate hydrochloride; or

(f) 1.0, 2.5, or 5.0 milligrams of prednisolone acetate; or

(g) 1.0 milligram of triamcinolone acetonide; or

(h) 5.0 milligrams of hydrocortisone and 45 milligrams to 55 milligrams of coaltar extract; or

(i) 10.0 milligrams of hydrocortisone acetate and 30 milligrams of calcium undecylenate; or

(j) 200 milligrams of benzocaine.

(ii) If it is for ophthalmic use:

(a) 5.0 milligrams or 15.0 milligrams of hydrocortisone acetate; or

(b) 2.5 milligrams of sodium prednisolone phosphate; or

(c) 0.5 milligram of sodium dexamethasone phosphate.

(iii) If it is an eye-ear ointment:

(a) 1.0 milligram of methylprednisolone; or

(b) 1.0 milligram of triamcinolone acetonide; or

(c) 5.0 milligrams or 15.0 milligrams of hydrocortisone acetate; or

(d) 2.5 milligrams or 5.0 milligrams of prednisolone acetate.

If it is an oleaginous base, its moisture content is not more than 1.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (vi), and (vii) and, if for ophthalmic use, paragraph (a) (1) (iv) of that section. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. If it contains a steroid or if it is intended for ophthalmic use, it shall be labeled in accordance with the requirements prescribed by § 148.3 of this chapter, and its expiration date is 12 months. If it does not contain a steroid or it is not intended for ophthalmic use each package shall bear on its label or labeling, as hereinafter indicated, the following:

(i) On the label of the immediate container and on the outside wrapper or container, if any:

(a) The batch mark.

(b) The name and quantity of each active ingredient contained in the drug.

(c) An expiration date that is 12 months after the month during which the batch was certified.

(ii) On the label of the immediate container or other labeling attached to or within the package, adequate direc-

tions under which the layman can use the drug safely and efficaciously.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity, and, if the ointment is for ophthalmic use, toxicity.

(b) The batch for potency and, if the ointment base is oleaginous, moisture.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages each containing approximately 300 milligrams.

(b) The batch: A minimum of 5 immediate containers.

(c) In the case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each immediate container submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay*—(1)

Potency—(i) *Extraction.* Proceed as directed in § 148i.1(b) (1) of this chapter, except prepare the sample by placing an accurately weighed representative portion of the ointment into a separatory funnel containing 50 milliliters of peroxide-free ether. Shake the sample and ether until homogeneous. Add 25 milliliters of 0.1M potassium phosphate buffer, pH 8.0, and shake well. Allow the layers to separate. Remove the buffer layer and repeat the extraction with new portions of the buffer at least three times and any additional times necessary to insure complete extraction of the antibiotic. Combine the extractives and adjust to an appropriate volume to give a stock solution of convenient concentration. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration.

(ii) *Blending.* Proceed as directed in § 148i.1(b) (1), except prepare the sample for assay as follows: Transfer an accurately weighed sample into a high-speed glass blender, add 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. The content of neomycin is satisfactory if it is not less than 90 percent and not more than 135 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Moisture.* If the ointment has an oleaginous base, proceed as directed in § 141a.8(b) of this chapter.

§ 148i.4 Neomycin sulfate-betamethasone cream; neomycin sulfate-sodium dexamethasone phosphate cream; neomycin sulfate-dichlorisone acetate cream; neomycin sulfate-fluocinolone acetonide cream; neomycin sulfate-methylprednisolone acetate cream; neomycin sulfate-triamcinolone acetonide cream.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity.* The drug is neomycin sulfate and either betamethasone,

dexamethasone phosphate, dichlorisone acetate, fluocinolone acetonide, methylprednisolone acetate, or triamcinolone acetonide, with or without one or more suitable and harmless emollients, perfumes, dispersants, and preservatives, in a suitable and harmless cream base. It contains, in each gram, 3.5 milligrams of neomycin and one of the following:

(i) 2 milligrams of betamethasone; or
(ii) 1 milligram of sodium dexamethasone phosphate; or

(iii) 2.5 milligrams of dichlorisone acetate; or

(iv) 0.25 milligram of fluocinolone acetonide; or

(v) 2.5 milligrams, 5 milligrams, or 10 milligrams of methylprednisolone acetate; or

(vi) 1 milligram of triamcinolone acetonide.

The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements prescribed by § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The batch for potency.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch: A minimum of five immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each immediate container or package in the samples submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay; potency.* Proceed as directed in § 148i.1

(b) (1), except prepare the sample for assay as follows: Transfer an accurately weighed representative portion into a high-speed glass blender. Add 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration and blend 3 to 5 minutes. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. Its neomycin content is satisfactory if it is not less than 90 percent nor more than 135 percent of the number of milligrams of neomycin that it is represented to contain.

§ 148i.5 Neomycin sulfate tablets.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate tablets are tablets composed of neomycin sulfate with one or more suitable and harmless

binders, and with or without one or more suitable and harmless fillers, buffers, lubricants, and colorings. Each tablet contains 150 milligrams, 175 milligrams, or 350 milligrams of neomycin. The moisture content is not more than 10.0 percent. Tablets shall disintegrate within 1 hour. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (iv), (v), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, moisture, pH, and identity.

(b) The batch for potency, moisture, and disintegration time.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch:

(1) For all tests except disintegration time: Minimum 30 tablets.

(2) For disintegration time: Six tablets.

(c) In the case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$0.75 for each tablet submitted in accordance with subparagraph (3) (ii) (b) (1) of this paragraph; \$3.00 for all tablets in the sample submitted in accordance with subparagraph (3) (ii) (b) (2) of this paragraph; \$4.00 for each immediate container submitted in accordance with subparagraph (3) (ii) (a) and (c) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency.* Proceed as directed in § 148i.1 (b) (1), except prepare the sample as follows: Place a representative number of tablets into a high-speed glass blender, add a sufficient quantity of 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Further dilute in 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. Its neomycin content is satisfactory if it contains not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Moisture.* Proceed as directed in § 141a.5(a) of this chapter.

(3) *Disintegration time.* Proceed as directed in § 141a.9(c) of this chapter.

§ 148i.6 Neomycin sulfate-kaolin-pectin oral suspension; neomycin sulfate-kaolin-pectin----- oral suspension (the blank being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a) (1) of this section).

(a) *Requirements for certification*—

(1) *Standards of identity, strength, qual-*

ity, and purity. Neomycin sulfate-kaolin-pectin oral suspension is neomycin sulfate, kaolin, and pectin, with or without one or more suitable and harmless dispersants, colorings, flavorings, buffers, and preservatives, in an aqueous vehicle. One or more of the following drugs may be added to neomycin sulfate-kaolin-pectin oral suspension: Methylcellulose, dihydroxyaluminum aminoacetate, succinylsulfathiazole, sulfaguanidine, homatropine methylbromide, hyoscyamine sulfate, atropine sulfate, scopolamine hydrobromide, and phenobarbital. Each milliliter contains 7.0 milligrams of neomycin. Its pH is not less than 4.0 and not more than 6.5. The neomycin sulfate used conforms to the standards prescribed by § 1481.1(a) (1) (i), (iv), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.

(b) The batch for potency and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch: Minimum of 5 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each immediate container submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay—(1) Potency.* Proceed as directed in § 1481.1(b) (1), except to prepare the sample for assay, proceed as follows: Dissolve and dilute an accurately measured representative portion in sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Further dilute in 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. Its content of neomycin is satisfactory if it contains not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *pH.* Proceed as directed in § 141a.-5(b) of this chapter, using the undiluted suspension.

§ 1481.7 Neomycin sulfate-----nasal suspension; neomycin sulfate-----nasal solution (the blanks being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a) (1) of this section).

(a) *Requirements for certification—*

(1) *Standards of identity, strength,*

quality, and purity. The drug is a suspension or solution containing, in each milliliter, 3.5 milligrams of neomycin and the following other active ingredients, in a suitable and harmless vehicle:

(i) 5.0 milligrams or 15.0 milligrams of hydrocortisone acetate and 2.5 milligrams of phenylephrine hydrochloride; or

(ii) 0.5 milligram or 1.0 milligram of prednisolone acetate and 2.5 milligrams of phenylephrine hydrochloride; or

(iii) 0.1 milligram of fludrocortisone, 2.5 milligrams of phenylephrine hydrochloride, and 7.5 milligrams of phenylpropanolamine hydrochloride; or

(iv) 1.0 milligram of hydrocortisone, 2.5 milligrams of phenylephrine hydrochloride, and 7.5 milligrams of phenylpropanolamine hydrochloride; or

(v) 1.04 milligrams of sodium prednisolone phosphate, 2.5 milligrams of phenylephrine hydrochloride, and 7.5 milligrams of phenylpropanolamine hydrochloride; or

(vi) 0.5 milligram of prednisolone trimethylacetate and 0.5 milligram of xylometazoline hydrochloride.

It may also contain one or more suitable and harmless buffers, colorings, dispersants, flavorings, and preservatives. Its pH is not less than 5.5 and not more than 6.5, except that if it is the drug described in subdivision (iv) of this subparagraph, its pH is not less than 2.8 nor more than 6.5. The neomycin sulfate used conforms to the standards prescribed by § 1481.1(a) (1) (i), (iv), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.

(b) The batch for potency and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch: A minimum of 5 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each immediate container submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay—(1) Potency.* Proceed as directed in § 1481.1(b) (1), except dilute volumetrically an accurately measured representative portion in sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. Its con-

tent of neomycin is satisfactory if it contains not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *pH.* Proceed as directed in § 141a.-5(b) of this chapter, using the undiluted sample.

§ 1481.8 Neomycin sulfate-sodium propionate otic solution; neomycin sulfate-sodium propionate-prednisolone acetate otic solution.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-sodium propionate otic solution is a solution containing, in each milliliter, 3.5 milligrams of neomycin and 50 milligrams of sodium propionate, in a suitable and harmless vehicle. Neomycin sulfate-sodium propionate-prednisolone acetate otic solution is a solution containing, in each milliliter, 3.5 milligrams of neomycin, 50 milligrams of sodium propionate, and 5 milligrams of prednisolone acetate, in a suitable and harmless vehicle. The preparations may also contain suitable and harmless dispersants, buffers, perfumes, and preservatives. They are sterile. Their pH is not less than 5.5 and not more than 7.0. The neomycin sulfate used conforms to the standards prescribed by § 1481.1(a) (1) (i), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The batch for potency, sterility, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch:

(1) For all tests except sterility: A minimum of five immediate containers.

(2) For sterility testing: 10 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each sample submitted in accordance with subparagraph (3) (ii) (a), (b) (1), and (c) of this paragraph; \$10.00 for all containers in the sample submitted in accordance with subparagraph (3) (ii) (b) (2) of this paragraph.

(b) *Tests and methods of assay—(1) Potency.* Proceed as directed in § 1481.1 (b) (1), except dilute an accurately measured representative portion in sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Further dilute an aliquot with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. Its content of neomycin

is satisfactory if it contains not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Sterility*. Using 0.25 milliliter from each container, proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *pH*. Proceed as directed in § 141a.5(b) of this chapter, using either the undiluted sample or, if the drug contains less than 10 percent water, a 1:1 dilution of the sample with distilled water.

§ 148i.9 Neomycin sulfate-----
ophthalmic suspension; neomycin sulfate----- ophthalmic solution (the blanks being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a) (1) of this section).

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. The drug is a suspension or a solution containing, in each milliliter, 3.5 milligrams of neomycin and the following other active ingredients in a suitable and harmless vehicle:

- (i) 15 milligrams of cortisone acetate; or
- (ii) 5 milligrams or 25 milligrams of hydrocortisone acetate; or
- (iii) 2 milligrams of prednisolone and 1.2 milligrams of phenylephrine hydrochloride; or
- (iv) 1 milligram or 2 milligrams of prednisolone; or
- (v) 1 milligram of sodium dexamethasone phosphate.

It may also contain one or more suitable and harmless buffers, dispersants, and preservatives. It is sterile. Its pH is not less than 6.0 and not more than 8.0. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1) (i), (iv), (vi), and (vii). Each other substance used, if its name recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

- (i) Results of tests and assays on:
 - (a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.
 - (b) The batch for potency, sterility, and pH.
 - (ii) Samples required:
 - (a) The neomycin sulfate used in making the batch: 10 containers, each containing approximately 300 milligrams.
 - (b) The batch:
 - (1) For all tests except sterility: A minimum of 5 immediate containers.
 - (2) For sterility testing: 10 immediate containers.
 - (c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees*. \$4.00 for each container submitted in accordance with subparagraph (3) (ii) (a), (b) (1), and (c) of this paragraph; \$10.00 for all containers submitted in accordance with subparagraph (3) (ii) (b) (2) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*. Proceed as directed in § 148i.8 (b) (1). Its neomycin content is satisfactory if it contains not less than 90 percent and not more than 120 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Sterility*. Proceed as directed in § 141a.2 of this chapter, using 0.25 milliliter from each container, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *pH*. Proceed as directed in § 141a.5(b) of this chapter, using the undiluted sample.

§ 148i.10 Neomycin sulfate-----
lotion (the blank being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a) (1) of this section).

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. The drug is a suspension containing, in each milliliter, 3.5 milligrams of neomycin and the following other active ingredients in a suitable and harmless vehicle:

- (i) 10 milligrams of dipiperdon hydrochloride and 7.5 milligrams of aluminum dihydroxy allantoinate; or
- (ii) 5 milligrams or 10 milligrams of hydrocortisone acetate; or
- (iii) 5 milligrams, 10 milligrams, or 20 milligrams of hydrocortisone; or
- (iv) 1 milligram, 2.5 milligrams, or 5 milligrams of prednisolone acetate; or
- (v) 5.0 milligrams of sodium prednisolone phosphate.

It may also contain one or more suitable and harmless dispersants, emollients, and preservatives. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1) (i), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. If it contains a corticosteroid, it shall be labeled in accordance with the requirements prescribed by § 148.3 of this chapter and its expiration date is 12 months. If it does not contain a corticosteroid, each package shall bear, on its label or labeling, as herein-after indicated, the following:

- (i) On the label of the immediate container and on the outside wrapper or container, if any:
 - (a) The batch mark.
 - (b) The name and quantity of each active ingredient contained in the drug.
 - (c) An expiration date that is 12 months after the month during which the batch was certified.
 - (ii) On the label of the immediate container or other labeling attached to or within the package, adequate directions under which the layman can use the drug safely and efficaciously.

(3) *Requests for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:
(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The batch for potency.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch: A minimum of five immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees*. \$4.00 for each container submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay; potency*. Proceed as directed in § 148i.1(b) (1), except prepare the sample for assay as follows: Place an accurately measured representative portion into a high-speed glass blender with sufficient 0.1M potassium phosphate buffer, pH 8, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Make further dilutions with 0.1M potassium phosphate buffer, pH 8, to the proper prescribed reference concentration. Its content of neomycin is satisfactory if it is not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

§ 148i.11 Neomycin sulfate-thihexinol methylbromide-polycarbophil tablets.

Neomycin sulfate-thihexinol methylbromide-polycarbophil tablets conform to all requirements and are subject to all procedures prescribed by § 148i.5 for neomycin sulfate tablets, except that:

- (a) Each tablet contains 150 milligrams of neomycin, 15 milligrams of thihexinol methylbromide, and 400 milligrams of polycarbophil.
- (b) The tablets shall disintegrate within 1 hour.

§ 148i.12 Neomycin sulfate-hydrocortisone acetate suppositories.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. Neomycin sulfate-hydrocortisone acetate suppositories contain, in each suppository, 10.5 milligrams of neomycin and 15 milligrams of hydrocortisone acetate, in a suitable and harmless base, with one or more suitable and harmless surfactants, emollients, protectants, binders, and fillers. The moisture content is not more than 2.5 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1) (i), (v), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. The expiration date is 12 months.

(3) *Requests for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

- (i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, moisture, pH, and identity.

(b) The batch for potency and moisture.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch: A minimum of 30 suppositories.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$0.75 for each suppository in the sample submitted in accordance with subparagraph (3)(ii)(b) of this paragraph; \$4.00 for each package in the sample submitted in accordance with subparagraph (3)(ii)(a) and (c) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*. Proceed as directed in § 148i.1(b)(1) of this chapter, except prepare the sample by blending a representative number of suppositories in a high-speed glass blender with 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Further dilute in 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. The content of neomycin is satisfactory if it contains not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Moisture*. Proceed as directed in § 141a.8(b) of this chapter.

§ 148i.13 [Reserved]

§ 148i.14 Neomycin sulfate-triamcinolone acetonide topical aerosol; neomycin sulfate-dexamethasone topical aerosol.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. The drug is neomycin sulfate and triamcinolone acetonide or dexamethasone, packaged in a pressurized container with a suitable and harmless vehicle and inert propellants. It contains, in each container, the following:

(i) 26.25 milligrams of neomycin and 7.5 milligrams of triamcinolone acetonide; or

(ii) 52.5 milligrams of neomycin and 15 milligrams of triamcinolone acetonide; or

(iii) 35 milligrams of neomycin and 10 milligrams of dexamethasone.

It may contain one or more suitable and harmless emollients, dispersants, and preservatives. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (vi), and (vii). Each other ingredient used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples*. In addition to the requirements of

§ 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assay on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The batch for potency.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing 300 milligrams.

(b) The batch: A minimum of 5 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$4.00 for each immediate container or package submitted in accordance with subparagraph (3)(ii) of this paragraph.

(b) *Tests and methods of assay; potency*. Proceed as directed in § 148i.1(b)(1), except prepare the sample for assay as follows: Spray the entire contents of the well-shaken sample into a suitable tared beaker. Place in a vacuum desiccator, evacuate, and allow to stand at room temperature for 16 to 18 hours. After the gas has volatilized, accurately weigh the beaker and contents, and determine the weight of the material in the beaker. Prepare the material for assay by either of the following methods:

(1) Blend an accurately weighed representative portion for 3 to 5 minutes in a high-speed glass blender, with 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration.

(2) Quantitatively transfer either an accurately weighed portion of the contents, or the entire contents, from the beaker into a suitable volumetric flask to give a stock solution of convenient concentration. Dilute to volume with 0.1M potassium phosphate buffer, pH 8.0. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration.

The content of neomycin is satisfactory if it is not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

§ 148i.15 Neomycin sulfate-polymyxin B sulfate----- ophthalmic suspension; neomycin sulfate-polymyxin B sulfate----- ophthalmic solution (the blanks being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a)(1) of this section).

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. The drug is a solution or suspension in a suitable and harmless aqueous vehicle containing, in each milliliter, neomycin sulfate, polymyxin B sulfate, and other active ingredients in the following amounts:

(i) 3.5 milligrams of neomycin, 16,250 units of polymyxin B, and 1.25 milli-

grams of phenylephrine hydrochloride; or

(ii) 3.5 milligrams of neomycin, 16,250 units of polymyxin B, and either 5 milligrams or 15 milligrams of hydrocortisone acetate; or

(iii) 5 milligrams of neomycin, 20,000 units of polymyxin B, and 1.25 milligrams of phenylephrine hydrochloride; or

(iv) 5 milligrams of neomycin, 15,000 units of polymyxin B, and 2.5 milligrams of hydrocortisone.

It may contain one or more suitable and harmless irrigants, dispersants, buffers, and preservatives. It is sterile. Its pH is not less than 5.0 and not more than 7.0. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (iv), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (iv), (vi), (vii), and (ix) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, toxicity, pH, residue on ignition, and identity.

(c) The batch for neomycin content, polymyxin content, sterility, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch for:

(1) All tests except sterility: A minimum of 6 immediate containers.

(2) For sterility testing: 10 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$4.00 for each immediate container or package in the samples submitted in accordance with subparagraphs (3)(ii)(a), (b), and (c) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3)(ii)(c)(1) of this paragraph; \$10.00 for all immediate containers in the sample submitted in accordance with subparagraph (3)(ii)(c)(2) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*—(i) *Neomycin content*. Proceed as directed in § 148i.1(b)(1) except prepare the sample as follows: Remove an accurately measured representative

portion of the sample with a suitable syringe, place into an appropriate volumetric flask to yield a convenient stock solution. Dilute to volume with 0.1M potassium phosphate buffer, pH 8.0. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. Its content of neomycin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin content.* Remove an accurately measured representative portion with a suitable syringe, dilute to a convenient concentration with 10 percent potassium phosphate buffer, pH 6.0. Further dilute to a concentration of 10 units of polymyxin per milliliter with 10 percent potassium phosphate buffer, pH 6.0, and proceed as directed in § 148p.1(b)(1) of this chapter, except add to each concentration of the polymyxin standard curve a quantity of neomycin to yield the same concentration of neomycin as that present when the sample is diluted to contain 10 units of polymyxin per milliliter. Its content of polymyxin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of units of polymyxin that it is represented to contain.

(2) *Sterility.* Use 0.25 milliliter from each container tested, and proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor a control tube is used in the test for bacteria.

(3) *pH.* Proceed as directed in § 141a.5(b) of this chapter, using the undiluted sample.

§ 148i.16 Neomycin sulfate-polymyxin B sulfate ointment.

(a) *Requirements for certification—*
(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-polymyxin B sulfate ointment is an ointment containing, in each gram, 3.5 milligrams of neomycin and 5,000 units of polymyxin B with suitable and harmless emollients, dispersants, and preservatives in a suitable and harmless water-miscible base. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (vi), (vii), and (ix) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* Each package shall bear on its label or labeling, as hereinafter indicated, the following:

(i) On the label of the immediate container and on the outside wrapper or container, if any:

(a) The batch mark.

(b) The name and quantity of each active ingredient contained in the drug.

(c) An expiration date that is 12 months after the month during which the batch was certified.

(ii) On the label of the immediate container or other labeling attached to or within the package, adequate direc-

tions under which the layman can use the drug safely and efficaciously.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, pH, residue on ignition, and identity.

(c) The batch for neomycin content and polymyxin content.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch: A minimum of 6 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii)(a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3)(ii)(c) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency—*(i) *Neomycin content.* Proceed as directed in § 148i.3(b)(1)(ii). Its content of neomycin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin content.* Proceed as directed in § 148p.3(b)(1) of this chapter, except add to each concentration of the polymyxin standard curve a quantity of neomycin to yield the same concentration of neomycin as that present when the sample is diluted to contain 10 units of polymyxin per milliliter. Its content of polymyxin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of units of polymyxin that it is represented to contain.

§ 148i.17 [Reserved]

§ 148i.18 Neomycin sulfate-polymyxin B sulfate-hydrocortisone otic suspension; neomycin sulfate-polymyxin B sulfate-hydrocortisone-sodium heparin otic suspension.

(a) *Requirements for certification—*
(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-polymyxin B sulfate-hydrocortisone otic suspension is a suspension containing, in each milliliter, 3.5 milligrams of neomycin, 10,000 units of polymyxin B, and 10 milligrams of hydrocortisone, in a suitable and harmless vehicle. Neomycin sulfate-polymyxin B sulfate-hydrocortisone-sodium heparin otic suspension is a suspension containing, in each milliliter, 20 milligrams of neomycin, 100,000 units of polymyxin B, 5 milligrams of hydrocortisone, and 2,000 units of sodium

heparin, in a suitable and harmless vehicle. The preparations may also contain one or more suitable and harmless buffers, dispersants, and preservatives. They are sterile. If the vehicle is aqueous, the pH is not less than 5.5 and not more than 8.5. If the vehicle is nonaqueous, the moisture content is not more than 1.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (vi), (vii), and (ix) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, pH, residue on ignition, and identity.

(c) The batch for neomycin content and polymyxin content.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch: A minimum of 6 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii)(a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3)(ii)(c) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency—*(i) *Neomycin content.* Proceed as directed in § 148i.3(b)(1), except that if the vehicle is nonaqueous prepare the sample for assay as follows: Transfer an accurately measured representative portion to a high-speed glass blender. Add 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. The content of neo-

heparin, in a suitable and harmless vehicle. The preparations may also contain one or more suitable and harmless buffers, dispersants, and preservatives. They are sterile. If the vehicle is aqueous, the pH is not less than 5.5 and not more than 8.5. If the vehicle is nonaqueous, the moisture content is not more than 1.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (vi), (vii), and (ix) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, pH, residue on ignition, and identity.

(c) The batch for neomycin content; polymyxin content; sterility; and either pH (if aqueous vehicle), or moisture (if nonaqueous vehicle).

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch:

(1) For all tests except sterility: A minimum of six immediate containers.

(2) For sterility testing: 10 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii)(a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3)(ii)(c) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency—*(i) *Neomycin content.* Proceed as directed in § 148i.3(b)(1), except that if the vehicle is nonaqueous prepare the sample for assay as follows: Transfer an accurately measured representative portion to a high-speed glass blender. Add 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. The content of neo-

heparin, in a suitable and harmless vehicle. The preparations may also contain one or more suitable and harmless buffers, dispersants, and preservatives. They are sterile. If the vehicle is aqueous, the pH is not less than 5.5 and not more than 8.5. If the vehicle is nonaqueous, the moisture content is not more than 1.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (vi), (vii), and (ix) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, pH, residue on ignition, and identity.

(c) The batch for neomycin content; polymyxin content; sterility; and either pH (if aqueous vehicle), or moisture (if nonaqueous vehicle).

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch: A minimum of 6 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii)(a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3)(ii)(c) of this paragraph.

mycin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin content.* Proceed as directed in § 148p.1(b)(1) of this chapter, except:

(a) Prepare the sample for assay by either of the following methods:

(1) If the vehicle is aqueous, dissolve and dilute with 10 percent potassium phosphate buffer, pH 6.0, to the reference concentration of 10 units of polymyxin per milliliter; or

(2) If the vehicle is nonaqueous, transfer an accurately measured representative portion to a high-speed glass blender. Add 1.0 milliliter of polysorbate 80 and sufficient 10 percent potassium phosphate buffer, pH 6.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Further dilute with 10 percent potassium phosphate buffer, pH 6.0, to a reference concentration of 10 units of polymyxin per milliliter; and

(b) Add to each concentration of the polymyxin standard curve a quantity of neomycin to yield the same concentration of neomycin as that present when the sample is diluted to contain 10 units of polymyxin per milliliter.

Its content of polymyxin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of units of polymyxin that it is represented to contain.

(2) *pH.* If its vehicle is aqueous, proceed as directed in § 141a.5(b) of this chapter, using the undiluted sample.

(3) *Moisture.* If its vehicle is nonaqueous, proceed as directed in § 141a.8(b) of this chapter.

(4) *Sterility.* Using 0.25 milliliter from each container tested, proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

§ 148i.19 Neomycin sulfate-polymyxin B sulfate-acetarzone vaginal suppositories.

(a) *Requirements for certification—*
(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-polymyxin B sulfate-acetarzone vaginal suppositories are suppositories composed of neomycin sulfate, polymyxin B sulfate, and acetarzone, with one or more suitable and harmless binders, lubricants, and dispersants in a suitable and harmless base. Each suppository contains 3.5 milligrams of neomycin, 20,000 units of polymyxin B, and 250 milligrams of acetarzone. Its moisture content is not more than 3.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (v), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (v), (vi), (vii), and (ix) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of

§ 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, moisture, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, moisture, pH, residue on ignition, and identity.

(c) The batch for neomycin content, polymyxin content, and moisture.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch: A minimum of 30 suppositories.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii)(a), (b), and (d) of this paragraph; \$1.00 for each suppository submitted in accordance with subparagraph (3)(ii)(c) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency—*(i) *Neomycin content.* Proceed as directed in § 148i.1(b)(1), except prepare the sample for assay as follows: Place a representative number of suppositories into a high-speed glass blender with 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Further dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. The content of neomycin is satisfactory if it contains not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin content.* Proceed as directed in § 148p.1(b)(1) of this chapter, except add to each concentration of the polymyxin standard curve a quantity of neomycin to yield the same concentration of neomycin as that present when the sample is diluted to contain 10 units of polymyxin per milliliter, and prepare the sample for assay as follows: Blend a representative number of suppositories in a high-speed glass blender, with 1.0 milliliter of polysorbate 80 and sufficient 10 percent potassium phosphate buffer, pH 6.0, to give a stock solution of convenient concentration. Further dilute with 10 percent potassium phosphate buffer, pH 6.0, to the reference concentration of 10 units of polymyxin per milliliter. Its content of polymyxin is satisfactory if it contains not less than 90 percent and not more than 130 percent of the number of units of polymyxin that it is represented to contain.

(2) *Moisture.* Proceed as directed in § 141a.8(b) of this chapter.

§ 148i.20 Neomycin sulfate-polymyxin B sulfate-gramicidin ophthalmic solution.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-polymyxin B sulfate-gramicidin ophthalmic solution is a solution containing, in each milliliter, 1.75 milligrams of neomycin, 5,000 units of polymyxin B, and 0.025 milligram of gramicidin, and with one or more suitable and harmless buffers, dispersants, and preservatives in a suitable and harmless isotonic aqueous vehicle. It is sterile. Its pH is not less than 4.7 and not more than 6.0. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a)(1)(i), (iv), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a)(1)(i), (iv), (vi), (vii), and (ix) of this chapter. The gramicidin used conforms to the standards prescribed by § 148f.1(a)(1)(i), (ii), (iv), (v), and (vi) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, toxicity, pH, residue on ignition, and identity.

(c) The gramicidin used in making the batch for potency, toxicity, residue on ignition, melting point, crystallinity, and identity.

(d) The batch for neomycin content, polymyxin content, gramicidin content, sterility, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(d) The batch:

(1) For all tests except sterility: A minimum of 7 immediate containers.

(2) For sterility testing: 10 immediate containers.

(e) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii)(a), (b), (c), and (e) of this paragraph; \$6.00 for each immediate container submitted in accordance with subparagraph (3)(ii)(d)(1) of this paragraph; \$10.00 for all im-

mediate containers in the sample submitted in accordance with subparagraph (3) (ii) (d) (2) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*—(i) *Neomycin content*. Proceed as directed in § 148i.1(b) (1), except prepare the sample as follows: Remove an accurately measured portion and dilute with 0.1M potassium phosphate buffer, pH 8.0, to the proper prescribed reference concentration. The neomycin content is satisfactory if it is not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin content*. Remove an accurately measured portion and dilute with 10 percent potassium phosphate buffer, pH 6.0, to a reference concentration of 10 units of polymyxin per milliliter. Proceed as directed in § 148p.1(b) (1) of this chapter, except add to each concentration of the polymyxin standard curve a quantity of neomycin to yield the same concentration of neomycin as that present when the sample is diluted to contain 10 units of polymyxin per milliliter. If thimerosal is an ingredient adjust the seed layer medium to contain 300 milligrams of thioglycolic acid per liter. The polymyxin content is satisfactory if it is not less than 90 percent and not more than 130 percent of the number of units of polymyxin that it is represented to contain.

(iii) *Gramicidin content*. Proceed as directed in § 148f.1(b) (1) of this chapter, except to prepare the sample for assay remove a representative sample with a suitable syringe, place into an appropriate volumetric flask, and dilute with 95 percent alcohol to give a stock solution of convenient concentration. Make proper estimated dilutions in 95 percent alcohol to the reference concentration. The gramicidin content is satisfactory if it contains not less than 90 percent and not more than 130 percent of the number of milligrams of gramicidin that it is represented to contain.

(2) *Sterility*. Use 0.25 milliliter from each immediate container and proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *pH*. Proceed as directed in § 141a.5 (b) of this chapter, using the undiluted sample.

§ 148i.21 Neomycin sulfate-polymyxin B sulfate-gramicidin-hydrocortisone-hydroxyamphetamine hydrobromide-phenylephrine hydrochloride nasal solution.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. Neomycin sulfate-polymyxin B sulfate-gramicidin-hydrocortisone-hydroxyamphetamine hydrobromide-phenylephrine hydrochloride nasal solution is a solution containing, in each milliliter, 0.6 milligram of neomycin, 2,000 units of polymyxin B, 0.05 milligram of gramicidin, 0.2 milligram of hydrocortisone, 5.0 milligrams of hydroxyamphetamine hydrobromide, and 1.25 milligrams of phenylephrine hydrochloride. It contains one or more suitable and harmless buffers, dispersants, and

preservatives in an aqueous vehicle. The pH is not less than 5.0 and not more than 6.0. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (iv), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1 (a) (1) (i), (iv), (vi), (vii), and (ix) of this chapter. The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (ii), (iv), (v), and (vi) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, toxicity, pH, residue on ignition, and identity.

(c) The gramicidin used in making the batch for potency, toxicity, crystallinity, residue on ignition, melting point, and identity.

(d) The batch for neomycin content, gramicidin content, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(d) The batch: A minimum of 7 immediate containers.

(e) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees*. \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), (c), and (e) of this paragraph; \$6.00 for each immediate container submitted in accordance with subparagraph (3) (ii) (d) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*—(i) *Neomycin content*. Proceed as directed in § 148i.20(b) (1) (i). Its content of neomycin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin content*. Proceed as directed in § 148i.20(b) (1) (ii). Its content of polymyxin is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of units of polymyxin that it is represented to contain.

(iii) *Gramicidin content*. Proceed as directed in § 148i.20(b) (1) (iii). Its content of gramicidin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of milli-

grams of gramicidin that it is represented to contain.

(2) *pH*. Proceed as directed in § 141a.5 (b) of this chapter, using the undiluted sample.

§ 148i.23 Neomycin sulfate-gramicidin-
----- ophthalmic solution;
neomycin sulfate-gramicidin-
----- ophthalmic suspension
(the blanks being filled in with the established name(s) of the other active ingredient(s) present in accordance with paragraph (a) (1) of this section).

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. The drug is a solution or suspension in a suitable and harmless aqueous vehicle containing, in each milliliter, the following:

(i) 0.66 milligram of neomycin, 0.05 milligram of gramicidin, 1.25 milligrams of phenylephrine hydrochloride, and 1.25 milligrams of thonzylamine hydrochloride; or

(ii) 2.5 milligrams of neomycin, 0.025 milligram of gramicidin, and 1 milligram of fluorocortisone acetate; or

(iii) 2.5 milligrams of neomycin, 0.025 milligram of gramicidin, and 1.14 milligrams of fluorocortisone hemisuccinate.

It may also contain suitable and harmless buffers, dispersants, irrigants, and preservatives. It is sterile. Its pH is not less than 5.0 nor more than 7.5. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (iv), (vi), and (vii). The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (ii), (iv), and (vi) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, pH, and identity.

(b) The gramicidin used in making the batch for potency, toxicity, crystallinity, residue on ignition, melting point, and identity.

(c) The batch for neomycin content, gramicidin content, sterility, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(c) The batch:

(1) For all tests except sterility: A minimum of 6 immediate containers.

(2) For sterility testing: 10 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3) (ii) (c) (1) of this paragraph; \$10.00 for all immediate containers in the sample submitted in accordance with subparagraph (3) (ii) (c) (2) of this paragraph.

(b) *Tests and methods of assay—(1) Potency—(i) Neomycin content.* Proceed as directed in § 148i.20(b) (1) (i). The neomycin content is satisfactory if it is not less than 90 percent and not more than 130 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Gramicidin content.* Proceed as directed in § 148i.20(b) (1) (iii). The content of gramicidin is satisfactory if it is not less than 90 percent and not more than 130 percent of the number of milligrams of gramicidin that it is represented to contain.

(2) *Sterility.* Using 0.25 milliliter from each container, proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *pH.* Proceed as directed in § 141a.5(b) of this chapter, using the undiluted sample.

§ 148i.24 Neomycin sulfate-gramicidin-hydrocortisone-thonzylamine hydrochloride-thonzonium bromide otic solution.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality and purity.* Neomycin sulfate-gramicidin - hydrocortisone - thonzylamine hydrochloride-thonzonium bromide otic solution is a solution containing, in each milliliter, 0.66 milligram of neomycin, 0.05 milligram of gramicidin, 0.2 milligram of hydrocortisone, 10 milligrams of thonzylamine hydrochloride, and 0.5 milligram of thonzonium bromide, with one or more suitable and harmless buffers, dispersants, and preservatives, in a suitable and harmless isotonic aqueous vehicle. It is sterile. The pH is not less than 5.0 and not more than 6.0. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (vi), and (vii). The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (iv), (v), and (vi) of this chapter. Each other substance, used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The gramicidin used in making the batch for potency, crystallinity, residue on ignition, melting point, and identity.

(c) The batch for neomycin content, gramicidin content, sterility, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(c) The batch:

(1) For all tests except sterility: A minimum of six immediate containers.

(2) For sterility: 10 immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3) (ii) (c) (1) of this paragraph; \$10.00 for all immediate containers in the sample submitted in accordance with subparagraph (3) (ii) (c) (2) of this paragraph.

(b) *Tests and methods of assay—(1) Potency—(i) Neomycin content.* Proceed as directed in § 148i.20(b) (1) (i).

The neomycin content is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Gramicidin content.* Proceed as directed in § 148i.20(b) (1) (iii). The gramicidin content is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of gramicidin that it is represented to contain.

(2) *Sterility.* Use 0.25 milliliter from each immediate container and proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *pH.* Proceed as directed in § 141a.5(b) of this chapter, using the undiluted sample.

§ 148i.25 Neomycin sulfate-gramicidin-triamcinolone acetate lotion; neomycin sulfate-gramicidin-fludrocortisone acetate lotion.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality and purity.* The drug is a lotion containing, in each milliliter, 2.5 milligrams of neomycin, 0.25 milligram of gramicidin, and either 1 milligram of triamcinolone acetonide or 1 milligram of fludrocortisone acetate, with one or more suitable and harmless emollients, buffers, dispersants, and preservatives, in a suitable and harmless lotion base. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (vi), and (vii). The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (iv), (v), and (vi) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the requirements prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The gramicidin used in making the batch for potency, crystallinity, residue on ignition, melting point, and identity.

(c) The batch for neomycin content and gramicidin content.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(c) The batch: A minimum of 6 immediate containers.

(d) In case of an initial request for certification, each other substance used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3) (ii) (c) of this paragraph.

(b) *Tests and methods of assay—(1) Potency—(i) Neomycin content.* Proceed as directed in § 148i.10(b) (1).

Its neomycin content is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Gramicidin content.* Proceed as directed in § 148f.1(b) (1) of this chapter, except prepare the sample by placing an accurately measured representative portion into a high-speed glass blender with sufficient 95 percent alcohol to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Make proper estimated dilutions in 95 percent alcohol to the reference concentration. Its gramicidin content is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of gramicidin that it is represented to contain.

§ 148i.26 Neomycin sulfate-gramicidin ointment; neomycin sulfate-gramicidin-triamcinolone acetate ointment; neomycin sulfate-gramicidin-fludrocortisone acetate ointment.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-gramicidin ointment is an ointment containing, in each gram, 2.5 milligrams of neomycin and 0.25 milligram of gramicidin. Neomycin sulfate-gramicidin-triamcinolone acetate ointment is an ointment containing, in each gram, 2.5 milligrams of neomycin, 0.25 milligrams of gramicidin, and 1.0 milligram of triamcinolone acetate. Neomycin sulfate-gramicidin-fludrocortisone acetate ointment is an ointment containing, in each gram, 2.5 milligrams of neomycin, 0.25 milligram of gramicidin, and 1.0 milligram of fludrocortisone acetate. Their moisture content is not more than

1.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (v), (vi), and (vii), and in addition if it is used in the preparation of an ophthalmic ointment, paragraph (a) (1) (iv) of that section. The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (iii), (iv), (v), and (vi) of this chapter, and in addition if it is used in the preparation of an ophthalmic ointment, paragraph (a) (1) (iii) of that section. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* If it contains a steroid or it is intended for ophthalmic use, it shall be labeled in accordance with the requirements of § 148.3 of this chapter, and its expiration date is 12 months. If it does not contain a steroid or it is not intended for ophthalmic use, each package shall bear on its label or labeling, as hereinafter indicated, the following:

(i) On the label of the immediate container and on the outside wrapper or container, if any:

(a) The batch mark.

(b) The name and quantity of each active ingredient contained in the drug.

(c) An expiration date that is 12 months after the month during which the batch was certified.

(ii) On the label of the immediate container or other labeling attached to or within the package, adequate directions under which the layman can use the drug safely and efficaciously.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, moisture, pH, and identity, and in addition, if it is used in the preparation of an ophthalmic ointment, for toxicity.

(b) The gramicidin used in making the batch for potency, moisture, residue on ignition, melting point, crystallinity, and identity, and in addition, if it is used in the preparation of an ophthalmic ointment, for toxicity.

(c) The batch for neomycin content, gramicidin content, and moisture.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(c) The batch: A minimum of six immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), and (d) of this paragraph; \$5.00 for each immediate container submitted in accordance with subparagraph (3) (ii) (c) of this paragraph.

(b) *Tests and methods of assay—(1) Potency—(i) Neomycin content.* Proceed as directed in § 148i.3(b) (1). Its content of neomycin is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Gramicidin content.* Proceed as directed in § 148f.1(b) (1) of this chapter, except prepare the sample for assay by the following method: Place an accurately weighed representative portion into a separatory funnel. Dissolve the ointment in 50 milliliters of *n*-hexane. Extract this solution with four 50-milliliter portions of 80 percent alcohol. Collect the extractives in a 250-milliliter volumetric flask, bring to volume with 80 percent alcohol, and mix well. From this stock solution, dilute an aliquot with 95 percent alcohol to reference concentration.

Its content of gramicidin is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of gramicidin that it is represented to contain.

(2) *Moisture.* Proceed as directed in § 141a.8(b) of this chapter.

§ 148i.27 Neomycin sulfate-gramicidin-triamcinolone acetonide cream.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-gramicidin-triamcinolone acetonide cream is a cream containing 2.5 milligrams of neomycin, 0.25 milligram of gramicidin, and 1.0 milligram of triamcinolone acetonide per gram, with one or more suitable and harmless emollients, dispersants, and preservatives in a suitable and harmless cream base. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (vi), and (vii). The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (iv), (v), and (vi) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., shall conform to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements prescribed by § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, pH, and identity.

(b) The gramicidin used in making the batch for potency, residue on ignition, melting point, crystallinity and identity.

(c) The batch for neomycin content and gramicidin content.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(c) The batch: A minimum of six immediate containers.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$5.00 for each immediate container in the samples submitted in accordance with subparagraph (3) (ii) (c) of this paragraph; \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), and (d) of this paragraph.

(b) *Tests and methods of assay; potency—(1) Neomycin content.* Proceed as directed in § 148i.4(b) (1). Its neomycin content is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Gramicidin content.* Proceed as directed in § 148f.1(b) (1) of this chapter, except to prepare the sample for assay proceed as follows: Place an accurately weighed representative portion into a high-speed glass blender and add sufficient 95 percent alcohol to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Make proper estimated dilutions of an aliquot to the reference concentration with 95 percent alcohol. Its content of gramicidin is satisfactory if it is not less than 90 percent and not more than 140 percent of the number of milligrams of gramicidin that it is represented to contain.

§ 148i.28 [Reserved]

§ 148i.29 Neomycin sulfate-nystatin tablets.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-nystatin tablets are tablets containing 350 milligrams of neomycin and 125,000 units of nystatin per tablet, with suitable and harmless binders, lubricants, and colorings. The moisture content is not more than 10 percent. They shall disintegrate within 1 hour. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (iv), (v), (vi), and (vii). The nystatin used conforms to the standards prescribed by § 148k.1(a) (1) of this chapter. Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, moisture, pH, and identity.

(b) The nystatin used in making the batch for potency, toxicity, moisture, pH, and identity.

(c) The batch for neomycin content, nystatin content, moisture, and disintegration time.

(ii) Samples required:

PART 148b—AMPHOTERICIN

§ 148b.3 Amphotericin B lotion.

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The nystatin used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The batch:

(1) For all tests except disintegration time: A minimum of 30 tablets.

(2) For disintegration time: Six tablets.

(d) In case of an initial request for certification, each other ingredient used in making the batch: One package of each consisting of approximately 5 grams.

(4) Fees. \$1.00 for each tablet submitted in accordance with subparagraph (3) (ii) (c) (1) of this paragraph; \$3.00 for all tablets submitted in accordance with subparagraph (3) (ii) (c) (2) of this paragraph; \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a), (b), and (d) of this paragraph.

(b) Tests and methods of assay—(1) Potency—(i) Neomycin content. Proceed as directed in § 148i.5(b) (1). Its content of neomycin is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) Nystatin content. Proceed as directed in § 148k.7(b) (1) of this chapter. Its content of nystatin is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of units of nystatin that it is represented to contain.

(2) Moisture. Proceed as directed in § 141a.5(a) of this chapter.

(3) Disintegration time. Proceed as directed in § 141a.9(c) of this chapter.

Effective date. This order shall become effective 60 days from the date of its publication in the FEDERAL REGISTER.

(Sec. 507, 59 Stat. 463 as amended; 21 U.S.C. 357)

Dated: August 7, 1964.

GEO. P. LARRICK,
Commissioner of Food and Drugs.

[F.R. Doc. 64-8142; Filed, Aug. 13, 1964;
8:45 a.m.]

ANTIBIOTIC DRUGS; TESTS AND METHODS OF ASSAY AND CERTIFICATION

Miscellaneous Amendments

The Commissioner of Food and Drugs has evaluated the views and comments received in response to the notices of proposed rule-making published in the FEDERAL REGISTER of May 11 and May 15, 1963 (28 F.R. 4769, 4846), and has concluded that the following regulations should issue for the certification of certain antibiotic drugs subject to the Drug Amendments of 1962 (76 Stat. 785-787; Public Law 87-781). Therefore, pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 507, 59 Stat. 463 as amended; 21 U.S.C. 357), and under the authority delegated to him by the Secretary of Health, Education, and Welfare (21 CFR 2.90; 29 F.R. 471), Title 21 is amended by adding thereto the new sections set forth below:

PART 148c—COLISTIN

§ 148c.5 Sodium colistimethate for intramuscular use.

(a) Requirements for certification—(1) Standards of identity, strength, quality, and purity. Sodium colistimethate for intramuscular use is a dry mixture of this antibiotic and dibucaine hydrochloride,

with or without a suitable and harmless buffer substance. It contains either 30 milligrams of colistimethate and 2 milligrams of dibucaine hydrochloride or 150 milligrams of colistimethate and 8 milligrams of dibucaine hydrochloride per vial. It is sterile. It is nonpyrogenic. It is nontoxic. When reconstituted as directed in the labeling, its pH is not less than 5.5 and not more than 6.5. Its moisture content is not more than 9 percent. The sodium colistimethate used conforms to the standards prescribed by § 148c.4(a) (1) (i), (v), (vi), (vii), (viii), and (ix). Each other substance used, if its name is recognized in the U.S.P. or the N.F., conforms to the standards prescribed therefor by such official compendium.

(2) Labeling. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) Request for certification. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The sodium colistimethate used in making the batch for potency, histamine, pH, moisture, heavy metals, and identity.

(b) The batch for potency, sterility, toxicity, pyrogens, moisture, and pH.

(ii) Samples required:

(a) The sodium colistimethate used in making the batch: 10 containers, each containing approximately 500 milligrams.

(b) The batch:

(1) For all tests except sterility: A minimum of 10 immediate containers.

(2) For sterility testing: 10 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$5.00 for each container submitted in accordance with subparagraph (3) (ii) (b) (1) of this paragraph; \$4.00 for each container submitted in accordance with subparagraph (3) (ii) (a) and (c) of this paragraph; \$10.00 for all containers submitted in accordance with subparagraph (3) (ii) (b) (2) of this paragraph.

(b) Tests and methods of assay—(1) Potency. Proceed as directed in § 148c.4(b) (1), after suspending the drug as directed in the labeling and removing the entire contents of each vial with a syringe and needle. Its contents of colistimethate is satisfactory if it is not less than 90 percent and not more than 115 percent of the number of milligrams of colistimethate that it is represented to contain.

(2) Sterility. Proceed as directed in § 148c.4(b) (2), using the entire contents of each immediate container.

(3) Pyrogens. Proceed as directed in § 148c.4(b) (3).

(4) Toxicity. Proceed as directed in § 148c.4(b) (4).

(5) Moisture. Proceed as directed in § 141a.5(a) of this chapter.

(6) pH. Proceed as directed in § 141a.5(b) of this chapter, using the solution prepared as directed in the labeling.

PART 148i—NEOMYCIN SULFATE**§ 148i.32 Neomycin palmitate.**

(a) *Requirements for certification—*
(1) *Standards of identity, strength, quality, and purity.* Neomycin palmitate is the palmitate salt of a kind of neomycin or a mixture of two or more such salts. It is so purified and dried that:

(i) It has a potency of not less than 180 micrograms of neomycin per milligram.

(ii) Its moisture content is not more than 5 percent.

(iii) The pH of a solution containing 50 milligrams per milliliter in 80 percent methyl alcohol is not less than 6.5 and not more than 7.5.

(iv) It exhibits a positive identity test for neomycin and meets a specified melting range for palmitic acid which is derived from the palmitate salt.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3(b) of this chapter. Its expiration date is 12 months.

(3) *Requests for certification.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on the batch for potency, moisture, pH, and identity.

(ii) Samples required: 10 packages, each containing approximately 300 milligrams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay—*

(1) *Potency.* Proceed as directed in § 148i.1(b) (1) (i), except prepare the sample in the following manner: Blend an accurately weighed sample of approximately 30 milligrams in 19.0 milliliters of methyl alcohol plus 1.0 milliliter of polysorbate 80. Use a high-speed glass blender. Transfer dropwise a 1.0 milliliter aliquot into that volume of 0.1M potassium phosphate buffer, pH 8.0, which will give a final (estimated) concentration of 1.0 microgram of neomycin per milliliter.

(2) *Moisture.* Proceed as directed in § 141a.5(a) of this chapter.

(3) *pH.* Proceed as directed in § 141a.5(b) of this chapter, except prepare a solution containing 50 milligrams per milliliter in 80 percent methyl alcohol.

(4) *Identity—*(i) *Neomycin.* Add 1 gram of neomycin palmitate to 50 milliliters of methyl alcohol in a 100-milliliter beaker. Stir, and heat carefully to about 35° C. to dissolve. After the neomycin palmitate is in solution, carefully adjust the solution to pH 5.8±0.2 by the dropwise addition of sulfuric acid. Stir the solution while adding the acid. Allow to stand one-half hour. Filter off the precipitate and wash it with 5–8 milliliters of methyl alcohol. Save the entire methyl alcohol filtrate. Dry the precipitate thoroughly in an oven not exceeding 60° C. After drying, powder the material if necessary, transfer about 10 milligrams to a test tube (19 millimeters x 150 millimeters) and dissolve

in 1 milliliter of water, and add 5 milliliters of 40 percent sulfuric acid solution. Heat in a boiling water bath 100 minutes. Allow to cool. Dilute to a volume of 25 milliliters with distilled water. Adjust a suitable recording ultraviolet spectrophotometer to zero absorbance from 220 m μ to 300 m μ , using an 8 percent sulfuric acid solution and 1-centimeter cells. Record the spectrum of the sample solution between these wavelengths. The ratio of the two absorbancies $\frac{(A278)}{(A232)}$

should not be less than 1.20 and not more than 1.50.

(ii) *Palmitate.* Evaporate to dryness the methyl alcohol filtrate obtained from the procedure described in subdivision (i) of this subparagraph. Dry the solid in vacuum for 2 hours at 40° C. Determine the melting point of the dried material. The melting point is not less than 57.0° C. nor more than 61.0° C. This indicates the purity of palmitic acid derived from neomycin palmitate.

§ 148i.33 Neomycin palmitate-hydrocortamate hydrochloride ointment with proteolytic enzymes.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin palmitate-hydrocortamate hydrochloride ointment with proteolytic enzymes contains, in each gram, 3.5 milligrams of neomycin, 1.25 milligrams of hydrocortamate hydrochloride, and 10,000 suitable units of proteolytic enzyme activity, in a suitable and harmless ointment base. The moisture content is not more than 1.0 percent. The neomycin palmitate used conforms to the requirements of § 148i.32 (a) (1). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:
(a) The neomycin palmitate used in making the batch for potency, moisture, pH, and identity.

(b) The batch for potency and moisture.

(ii) Samples required:
(a) The neomycin palmitate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch: A minimum of five immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$4.00 for each package in the samples or each immediate container submitted in accordance with subparagraph (3) (ii) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency.* Proceed as directed in § 148i.32 (b) (1), except prepare the sample for assay as follows: Place approximately 1

gram of the ointment, accurately weighed, in a high-speed glass blender with 1.0 milliliter of polysorbate 80 and 99.0 milliliters of absolute methyl alcohol. Blend 3 to 5 minutes. Make proper estimated dilutions in 0.1M potassium phosphate buffer, pH 8.0, to the reference concentration. The neomycin content is satisfactory if it is not less than 90 percent and not more than 115 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Moisture.* Proceed as directed in § 141a.8(b) of this chapter.

§ 148i.34 Neomycin sulfate-polymyxin B sulfate-gramicidin-benzocaine ointment.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Neomycin sulfate-polymyxin B sulfate-gramicidin-benzocaine ointment is neomycin sulfate, polymyxin B sulfate, gramicidin, and benzocaine, with suitable and harmless preservatives, in white petrolatum. Each gram contains 3.5 milligrams of neomycin, 2,000 units of polymyxin B, 0.25 milligram of gramicidin, and 10 milligrams of benzocaine. The moisture content is not more than 1.0 percent. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (v), (vi), and (vii). The polymyxin B sulfate used conforms to the standards prescribed by § 148p.1(a) (1) (i), (v), (vi), (vii), and (ix) of this chapter. The gramicidin used conforms to the standards prescribed by § 148f.1(a) (1) (i), (iii), (iv), (v), and (vi) of this chapter. Each other ingredient used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* Each package shall bear on its label or labeling, as hereinafter indicated, the following:

(i) On the label of the immediate container and on the outside wrapper or container, if any:

(a) The batch mark.

(b) The name and quantity of each active ingredient contained in the drug.

(c) An expiration date that is 12 months after the month during which the batch was certified.

(ii) On the label of the immediate container or other labeling attached to or within the package, adequate directions under which the layman can use the drug safely and efficaciously.

(3) *Requests for certification; samples.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:
(a) The neomycin sulfate used in making the batch for potency, moisture, pH, and identity.

(b) The polymyxin B sulfate used in making the batch for potency, moisture, pH, residue on ignition, and identity.

(c) The gramicidin used in making the batch for potency, moisture, residue on ignition, melting point, crystallinity, and identity.

(d) The batch for neomycin content, polymyxin B content, gramicidin content, and moisture.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The polymyxin B sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(c) The gramicidin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(d) The batch: A minimum of seven immediate containers.

(e) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$6.00 for each immediate container submitted in accordance with subparagraph (3) (i) (d) of this paragraph; \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (i) (a), (b), (c), and (e) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*—(i) *Neomycin content*. Proceed as directed in § 148i.3(b) (1) (i) or (ii). The content of neomycin is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of milligrams of neomycin that it is represented to contain.

(ii) *Polymyxin B content*. Proceed as directed in § 148i.16(b) (1) (ii) of this chapter. The content of polymyxin B is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of units of polymyxin B that it is represented to contain.

(iii) *Gramicidin content*. Proceed as directed in § 148f.1(b) (1) of this chapter, except prepare the sample for assay as follows: Place approximately 1 gram of the ointment, accurately weighed, into a high-speed glass blender. Add that quantity of 95 percent ethyl alcohol which is sufficient to give a stock solution of convenient concentration. Blend 3 to 5 minutes. Make proper estimated dilutions of an aliquot to the reference concentration with 95 percent alcohol. The content of gramicidin is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of milligrams of gramicidin that it is represented to contain.

(2) *Moisture*. Proceed as directed in § 141a.8(b) of this chapter.

§ 148i.35 Neomycin sulfate solution with radiopaque agent.

(a) *Requirements for certification*—(1) *Standards of identity, strength, quality, and purity*. Neomycin sulfate solution with radiopaque agent is neomycin sulfate with either methiodal sodium or methylglucamine diatrizoate, as radiopaque agents, and with or without one or more suitable and harmless antioxidants, preservatives, buffers and sequestering agents, in a sterile aqueous vehicle. Each milliliter contains 25.0 milligrams of neomycin. The content of the radiopaque agent is, in each milliliter, either 300 milligrams of methylglucamine diatrizoate or 200 milligrams

of methiodal sodium. It is sterile. It is nontoxic. Its pH is not less than 5.0 and not more than 8.0 if it contains methiodal sodium and not less than 6.0 and not more than 7.6 if it contains methylglucamine diatrizoate. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (v), (vi), and (vii). Each other ingredient used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, moisture, pH, and identity.

(b) The batch for potency, sterility, toxicity, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch:

(1) For all tests except sterility: Five immediate containers.

(2) For sterility testing: 10 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$4.00 for each package or immediate container in the samples submitted in accordance with subparagraph (3) (i) (a), (b) (1), and (c) of this paragraph; \$10.00 for all immediate containers submitted in accordance with subparagraph (3) (i) (b) (2) of this paragraph.

(b) *Tests and methods of assay*—(1)

Potency. Proceed as directed in § 148i.1 (b) (1), except prepare the sample for assay as follows: Transfer 1.0 milliliter into a 500-milliliter volumetric flask. Dilute to volume with 0.1M potassium phosphate buffer, pH 8.0, and mix well. Dilute an aliquot to the desired reference concentration with 0.1M potassium phosphate buffer, pH 8.0. The content of neomycin is satisfactory if it is not less than 90 percent and not more than 125 percent of the number of milligrams of neomycin that it is represented to contain.

(2) *Sterility*. Proceed as directed in § 141.2 of this chapter, except transfer aseptically 15 milliliters from each immediate container and filter the entire amount through a 0.45 micron filter. Neither penicillinase nor the control tube is used in the test for bacteria.

(3) *Toxicity*. Proceed as directed in § 141a.4 of this chapter, except use a test dose of 0.1 milliliter of a solution containing 1.0 milligram of neomycin per milliliter in sterile, distilled water.

(4) *pH*. Proceed as directed in § 141a.5(b) of this chapter, using the undiluted solution.

§ 148i.39 Neomycin sulfate-hydrocortisone acetate eye-ear drops; neomycin sulfate-prednisolone acetate eye-ear drops.

(a) *Requirements for certification*—

(1) *Standards of identity, strength, quality, and purity*. Neomycin sulfate-hydrocortisone acetate eye-ear drops is an aqueous suspension containing, in each milliliter, 3.5 milligrams of neomycin and 5 milligrams or 15 milligrams of hydrocortisone acetate. Neomycin sulfate-prednisolone acetate eye-ear drops is an aqueous suspension containing, in each milliliter, 3.5 milligrams of neomycin and 2.5 milligrams of prednisolone acetate. The vehicle contains one or more suitable and harmless buffers, preservatives, and dispersants. It is sterile. Its pH is not less than 5.5 and not more than 7.5. The neomycin sulfate used conforms to the standards prescribed by § 148i.1(a) (1) (i), (iv), (v), (vi), and (vii). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling*. It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification*. In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The neomycin sulfate used in making the batch for potency, toxicity, moisture, pH, and identity.

(b) The batch for potency, sterility, and pH.

(ii) Samples required:

(a) The neomycin sulfate used in making the batch: 10 packages, each containing approximately 300 milligrams.

(b) The batch:

(1) For all tests except sterility: A minimum of 5 immediate containers.

(2) For sterility testing: 10 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) Fees. \$4.00 for each immediate container or package submitted in accordance with subparagraph (3) (i) (a), (b) (1), and (c) of this paragraph; \$10.00 for all immediate containers submitted in accordance with subparagraph (3) (i) (b) (2) of this paragraph.

(b) *Tests and methods of assay*—(1) *Potency*. Proceed as directed in § 148i.1 (b) (1), except prepare the sample for assay as follows: Remove 1.0 milliliter with a suitable syringe, place into an appropriate-sized volumetric flask and dilute to volume with 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Make proper estimated dilutions to the prescribed reference concentration with 0.1M potassium phosphate buffer, pH 8.0. The content of neomycin is satisfactory if it is not less than 90 percent and not more than 130 percent of the number

of milligrams of neomycin that it is represented to contain.

(2) *Sterility.* Use 0.25 milliliter from each immediate container, and proceed as directed in § 141a.2 of this chapter, except that neither penicillinase nor the control tube is used in the test for bacteria.

(3) *pH.* Proceed as directed in § 141a.5 (b) of this chapter, using the undiluted sample.

PART 148j—NOVOBIOCIN

§ 148j.6 Sodium novobiocin for injection.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Sodium novobiocin for injection is sodium novobiocin with or without one or more suitable solubilizing agents, preservatives, and diluents. Each vial contains 500 milligrams of novobiocin. It is sterile. It is nonpyrogenic. It is nontoxic. Its moisture content is not more than 6.0 percent. Its pH, when reconstituted as directed in the labeling, is not less than 6.5 and not more than 8.5. The sodium novobiocin used conforms to the standards prescribed by § 148j.1(a)(1) (i), (v), (vi), (vii), (viii), and (ix). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Request for certification.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The sodium novobiocin used in making the batch for potency, moisture, pH, residue on ignition, specific rotation, crystallinity, and identity.

(b) The batch for potency, sterility, pyrogens, toxicity, moisture, and pH.

(ii) Samples required:

(a) The sodium novobiocin used in making the batch: 10 packages, each containing approximately 500 milligrams.

(b) The batch:

(1) For all tests except sterility: A minimum of 10 immediate containers.

(2) For sterility testing: 10 immediate containers.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing not less than 5 grams.

(4) *Fees.* \$4.00 for each package in the samples submitted in accordance with subparagraph (3)(ii) (a) and (c) of this paragraph; \$5.00 for each immediate container in the sample submitted in accordance with subparagraph (3) (ii) (b) (1) of this paragraph; \$10.00 for all containers submitted in accordance with subparagraph (3) (ii) (b) (2) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency.* Reconstitute as directed in the labeling, withdraw a representative sample with a suitable syringe fitted with a 22-gage needle and transfer to an appropriate-sized volumetric flask. Proceed as directed in § 148j.1(b)(1). The content of novobiocin is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of milligrams of novobiocin that it is represented to contain.

(2) *Sterility.* Proceed as directed in § 148j.1(b)(2).

(3) *Pyrogens.* Proceed as directed in § 148j.1(b)(3).

(4) *Toxicity.* Proceed as directed in § 148j.1(b)(4).

(5) *Moisture.* Proceed as directed in § 141a.5(a) of this chapter.

(6) *pH.* Proceed as directed in § 141a.5(b) of this chapter, using the sample after reconstituting as directed in the labeling.

§ 148j.7 Sodium novobiocin capsules.

(a) *Requirements for certification—*

(1) *Standards of identity, strength, quality, and purity.* Sodium novobiocin capsules are gelation capsules containing crystalline sodium novobiocin with a suitable and harmless filler and with or without a binder and a lubricant. Each capsule contains 100 milligrams or 250 milligrams of novobiocin. The moisture content is not more than 6.0 percent. The crystalline sodium novobiocin used conforms to the standards prescribed by § 148j.1(a)(1) (i), (iv), (v), (vi), (vii), (viii), and (ix). Each other substance used, if its name is recognized in the U.S.P. or N.F., conforms to the standards prescribed therefor by such official compendium.

(2) *Labeling.* It shall be labeled in accordance with the requirements of § 148.3 of this chapter. Its expiration date is 12 months.

(3) *Requests for certification.* In addition to the requirements of § 148.4 of this chapter, each such request shall contain:

(i) Results of tests and assays on:

(a) The sodium novobiocin used in making the batch for potency, toxicity, moisture, pH, residue on ignition, specific rotation, crystallinity, and identity.

(b) The batch for potency and moisture.

(ii) Samples required:

(a) The sodium novobiocin used in making the capsules: 10 packages, each containing approximately 500 milligrams.

(b) The batch: A minimum of 30 capsules.

(c) In case of an initial request for certification, each other ingredient used in making the batch: One package of each containing approximately 5 grams.

(4) *Fees.* \$0.75 for each capsule submitted in accordance with subparagraph (3)(ii) (b) of this paragraph; \$4.00 for each package in the samples submitted in accordance with subparagraph (3) (ii) (a) and (c) of this paragraph.

(b) *Tests and methods of assay—*(1) *Potency.* Proceed as directed in § 148j.1 (b) (1) of this chapter, except prepare the sample for assay as follows: Place a representative number of capsules in a high-speed glass blender with 1.0 milliliter of polysorbate 80 and sufficient 0.1M potassium phosphate buffer, pH 8.0, to give a stock solution of convenient concentration. Blend 3 to 5 minutes. The content of novobiocin is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of milligrams of novobiocin that it is represented to contain.

(2) *Moisture.* Proceed as directed in § 141a.5(a) of this chapter.

Effective date. This order shall become effective 60 days from the date of its publication in the FEDERAL REGISTER. (Sec. 507, 59 Stat. 463 as amended; 21 U.S.C. 357)

Dated: August 7, 1964.

GEO. P. LARRICK,
Commissioner of Food and Drugs.

[FR. Doc. 64-8141; Filed, Aug. 13, 1964; 8:45 a.m.]

