

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

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HAER No. PA-232-I

Juniata Shops, Power Plant and Boiler House
East of Fourth Avenue at Second Street
Altoona
Blair County
Pennsylvania

Jack Boucher, Photographer, 1988

- PA-232-I-1 PERSPECTIVE VIEW OF SOUTH END AND WEST SIDE OF BOILER HOUSE
- PA-232-I-2 PERSPECTIVE VIEW OF BOILER HOUSE AND POWER PLANT LOOKING NORTH ALONG TRACK
- PA-232-I-3 PERSPECTIVE VIEW OF BOILER HOUSE AND POWER PLANT LOOKING NORTH ALONG TRACK
- PA-232-I-4 VIEW OF POWER PLANT COAL LOADING AREA ON EAST SIDE OF BUILDING LOOKING SOUTH
- PA-232-I-5 VIEW OF NORTH END AND EAST SIDE OF POWER PLANT
- PA-232-I-6 GENERAL VIEW OF WEST SIDE OF POWER PLANT LOOKING SOUTH
- PA-232-I-7 VIEW OF DC SYSTEM, SWITCHBOARD AREA CONTROL PANEL
- PA-232-I-8 DETAIL VIEW OF GUAGE PANEL NEAR INGERSOLL-RAND GENERATORS
- PA-232-I-9 DETAIL VIEW OF INGERSOLL-RAND FLY-BALL GENERATOR GOVERNOR
- PA-232-I-10 DETAIL VIEW OF INGERSOLL-RAND FLY-BALL GENERATOR GOVERNOR WITH MEASURING STICK
- PA-232-I-11 VIEW OF GAS FIRED BOILERS. Erie City Iron Works, Model AA60, SN No. 685, size 16, Fuel No. 2 oil or gas, max input 13400.
- PA-232-I-12 VIEW OF RILEY SPREADER STOKER UNIT. Riley Stoker Corp, Worcester, Massachusetts. 1954, coal-fired, 70,000 pounds/hour. 625 lb (psi) pressure.

JUNIATA SHOPS, POWER PLANT AND BOILER HOUSE
HAER No. PA-232-I
(Page 2)

- PA-232-I-13 VIEW OF WESTINGHOUSE STEAM TURBINE. 1500 kilowatt (max kw 1875). AC Westinghouse generator (1875 KVA, 2400 volts, 450 amps, 3 phase, 60 cycles).
- PA-232-I-14 VIEW OF AIR COMPRESSOR. 1500 kw Westinghouse AC generator steam-turbine unit; beyond is air compressor of Chicago Pneumatic Tool Company, 1920, engineered by Earl E. Know Company, Erie, Pennsylvania.
- PA-232-I-15 VIEW OF INGERSOLL-RAND AIR COMPRESSOR, 1920 (left) and INGERSOLL-RAND TURBINE GENERATOR UNIT AND FLYWHEEL, patented 1901-1911 (right).

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INDEX TO PHOTOGRAPHS

ADDENDUM TO:
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HAER PA-232-I

Photographs HAER No. PA-232-I-1 to PA-232-I-15 were transmitted previously to the Library of Congress.

INDEX TO COLOR TRANSPARENCIES

Jack E. Boucher, photographer, 1988

PA-232-I-16 (CT)	Perspective view of the south end and west side of the boiler house (duplicate of HAER No. PA-232-I-1)
PA-232-I-17 (CT)	Perspective view of the boiler house and power plant looking north along the track (duplicate of HAER No. PA-232-I-2)
PA-232-I-18 (CT)	Perspective view of the boiler house and power plant looking north (duplicate of HAER No. PA-232-3)
PA-232-I-19 (CT)	Detail view showing gauge panel (duplicate of HAER No. PA-232-I-8)