

HADDAM NECK NUCLEAR POWER PLANT, DIESEL GENERATOR
BUILDING
(Connecticut Yankee Nuclear Power Plant, Diesel Generator Building)
362 Injun Hollow Road
Haddam
Middlesex County
Connecticut

HAER CT-185-H
HAER CT-185-H

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
U.S. Department of the Interior
1849 C Street NW
Washington, DC 20240-0001

HISTORIC AMERICAN ENGINEERING RECORD

HADDAM NECK NUCLEAR POWER PLANT, DIESEL--GENERATOR BUILDING (Connecticut Yankee Nuclear Power Plant, Diesel Generator Building)

HAER No. CT-185-H

Location: ~~On Injun Hollow Road, approximately 2 miles southeast of intersection with Rock Landing Road, and 170 feet northeast of Connecticut River~~
362 Injun Hollow Road
Haddam
Middlesex County
Connecticut
U.S. Geological Survey Haddam & Deep River Quadrangles
UTM Coordinates 18.708748.4595057

Dates of Construction: 1964-1966

Engineers: Westinghouse Electric Company

Present Owners: Connecticut Yankee Atomic Power Company (CYAPCO)
362 Injun Hollow Road
Haddam Neck CT 06424-3022

Present Use: Demolished

Significance: The Haddam Neck Nuclear Power Plant was one of the earliest commercial-scale nuclear power stations in the United States, and was eligible for the National Register of Historic Places. The Diesel Generator Building provided back-up power for some Engineered Safety Systems during the first years of operation.

Project Information: CYAPCO ceased electrical generation at the Haddam Neck plant in 1996 and initiated decommissioning operations in 1998, subject to authority of the Nuclear Regulatory Commission (NRC). NRC authority brought the project under the purview of federal acts and regulation protecting significant cultural resources from adverse project effects.¹ This documentation was requested by the Connecticut State Historic Preservation Office to preclude the possibility of any adverse project effects.

<u>Project Manager and Historian</u> Michael S. Raber Raber Associates 81 Dayton Road, P.O. Box 46 South Glastonbury, CT 06073 860/633-9026	<u>Industrial Archaeologist</u> Robert C. Stewart Historical Technologies 1230 Copper Hill Road West Suffield, CT 06093 860/668-2928
<u>Steam and Electric Power Historian</u> Gerald Weinstein Photo Recording Associates 40 West 77th Street, Apt. 17b New York, NY 10024 212/431-6100	

¹ National Historic Preservation Act of 1966 (pL 89-655), the National Environmental Policy Act of 1969 (PL 91-190), the Archaeological and Historical Preservation Act (PL 93-291), Executive Order 11593, Procedures for the Protection of Historic and Cultural Properties (36 CFR Part 800).

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Diesel Generator Building

During initial construction, the Connecticut Yankee plant included a Diesel Generator Building, built abutting the southwest corner of the Primary Auxiliary Building (HAER No. CT-185-G). The reinforced-concrete, 14-foot-high, 25-by-32-foot, single-story structure included three 400-kW diesel generators, used as back-up power for several components of the Emergency Core Cooling System, as well as the Containment Air Recirculation and Containment Spray systems (see HAER No. CT-185).¹ The Diesel Generator Building was replaced with the adjacent New Diesel Generator Building by 1970.²

A. Engineering Drawings

Drawings are archived as part of the Connecticut Yankee Atomic Power Company, Haddam Neck Plant Records Collection, Archives & Special Collections, Thomas J. Dodd Research Center, University of Connecticut Libraries.

Connecticut Yankee Atomic Power Company/Stone & Webster Engineering Corp.

1964-1995 Arrangement - Primary Auxiliary Building Sheet 1. Nuclear Power Plant - Unit No.1. No. 16103327042 Sh. 1. Reproduced as Drawing HAER No. CT-185-G-3.

1969-1988 Arrangement New Diesel Gen. Bldg. Sheet 1. Nuclear Power Plant - Unit No. 1. No. 16103-27075 Sh.1.

B. Bibliography and Personal Communications

Connecticut Yankee Atomic Power Company and Northeast Utilities records are archived as part of the Connecticut Yankee Atomic Power Company, Haddam Neck Plant Records Collection, Archives & Special Collections, Thomas J. Dodd Research Center, UCONN Libraries.

Connecticut Yankee Atomic Power Company (CY APCO)

1966-1974 Facility Description and Safety Analysis (FDSA) Vol. 1. Topical Report No.NYO-3250-5. Haddam Neck Plant, Haddam, Connecticut.

Vandenburgh, D. E., Woodman, W. C., and Yadon, J. M.

1965 Connecticut Yankee Advances PWR Concept. *Electrical World* 163, 24: 91-94. June.

¹ Vandenburgh, Woodman, and Yadon: 1965 p. 92.

² Connecticut Yankee Atomic Power Company 1966-1974: 9.5-1.

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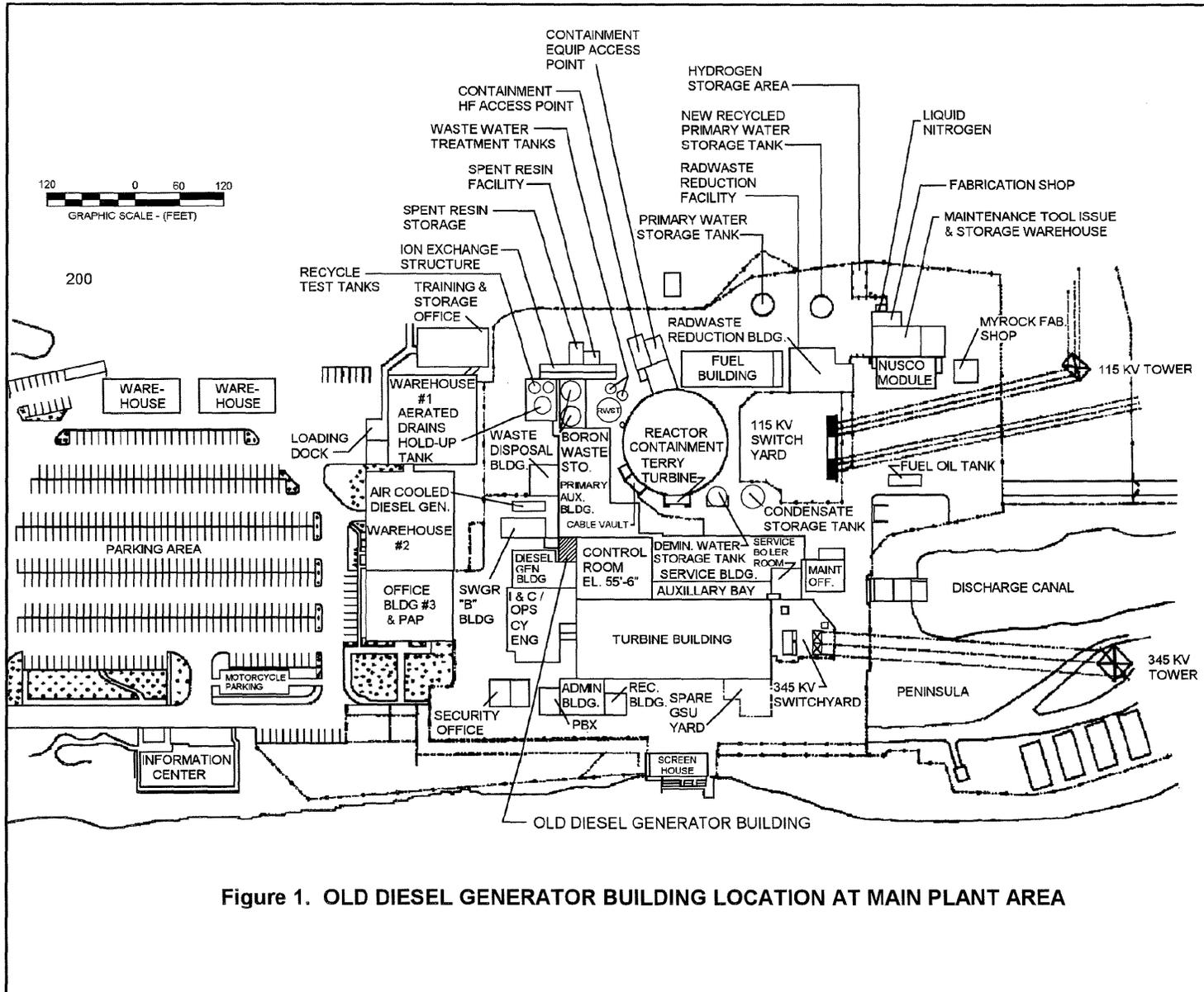


Figure 1. OLD DIESEL GENERATOR BUILDING LOCATION AT MAIN PLANT AREA