

Environmental
Resources
Management

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Boston, MA 02116
(617) 267-8377
(617) 267-6447 (fax)

<http://www.erm.com>

11 July 2003
Reference: 2107
BYR 2003-063

Ms. Brona Simon
Director of Technical Services
Massachusetts Historical Commission
220 Morrissey Boulevard
Boston, MA 02125-3314



RE: Project Notification Form
Request for Determination of No Adverse Effect
Yankee Nuclear Power Station Decommissioning
Rowe, MA

Dear Ms. Simon:

On behalf of Yankee Atomic Electric Company (YAEC), Environmental Resources Management (ERM) is requesting a Determination of No Adverse Effect from the Massachusetts Historic Commission (MHC) for activities related to the decommissioning of the Yankee Nuclear Power Station (YNPS) in Rowe, Massachusetts. The Project Notification Form for this project is enclosed herewith.

Site History

Construction of YNPS was completed in 1960. The plant began commercial operations in 1961. In February 1992, YEAC decided to cease power generation permanently and decommission YNPS. Between 1992 and 2003, the plant's major mechanical components, including the reactor components and support equipment, the turbine and generator, as well as associated piping and equipment, were dismantled as part of the initial decommissioning activities. In addition, the spent nuclear fuel assemblies and 'Greater Than Class C' radioactive materials were placed in dry cask storage and transported to a recently constructed Independent Spent Fuel Storage Installation (ISFSI) on site. The ISFSI provides interim storage until the stored materials can be removed by the Department of Energy to a permanent storage facility.

Upcoming Decommissioning Activities

Over the next two years, YAEC will be demolishing the existing structures at YNPS, with the exception of the ISFSI and associated ancillary structures (i.e., security, maintenance, and monitoring). Other decommissioning activities will include the removal of an on-site landfill, investigation for and if found, the remediation of releases of hazardous compounds to soil, groundwater, sediment, and surface water, and site regrading and restoration.

File Reviews

To document the historical significance of buildings and areas around YNPS, ERM reviewed files at MHC, the State Archives, and the State House Library. The closest registered site in Massachusetts is the Hoosac Tunnel (designated in 1973), which is located over five miles southwest of YNPS. The YNPS site is adjacent to the Sherman Dam Development District, which is listed in the Inventory of Historic Assets and deemed eligible for listing on the State Register of Historic Places. However, the decommissioning activities at YNPS will not involve or impact any of the structures associated with the Sherman Dam Development District.

The following table is provided to summarize information found regarding the documented historical and archeological assets around Rowe and Monroe, MA (Monroe is located along the western bank of Sherman Reservoir and the Deerfield River):

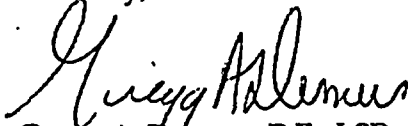
Category	Within 1 mile of YNPS	Others within Rowe or Monroe, MA
State Register of Historic Places	None identified.	None identified.
Inventory of Historic Assets	<ul style="list-style-type: none">• Sherman Dam Development District (includes individual structures)*• Monroe Bridge Development/Ramage Paper Co./Deerfield Dam No. 5 District (includes individual structures)*	<ul style="list-style-type: none">• Turner Hill Road Bridge at Dunbar Brook, Monroe, MA• Zoar/Rowe Road Bridge at Pelham Brook, Rowe, MA
Inventory of Archeological Assets - Historical Archeological Sites	None identified.	<ul style="list-style-type: none">• Fort Pelham (1754), Rowe, MA• West Cemetery (1860-1881), Monroe, MA• Monroe Baptist Church and Parsonage (1885-1908), Monroe, MA• A. Phelps Cellar Hale (1873), Monroe MA
Inventory of Archeological Assets - Prehistoric Archeological Sites	None identified.	<ul style="list-style-type: none">• South Brook Site, Rowe, MA• Hemlock Site, Rowe, MA


* Deemed eligible to be on the State Register of Historic Places.

The YNPS structures have not been identified as a historic site or asset and decommissioning will not involve or impact any site or structure listed in the State Inventory of Historic Assets or deemed eligible for the State Register of Historic Places. Therefore, YEAC requests that MHC make a Determination of No Adverse Effect for the YNPS decommissioning activities.

Please contact undersigned at (617) 267-8377 if there are any questions regarding this request.

Sincerely,


Gregg A. Demers, P.E., LSP
Project Manager


John W. McTigue, P.G., LSP
Principal-in-Charge

Enclosures: Project Notification Form
Figure 1: Site Location
Figure 2: Site Layout
Photo 1: Current Conditions

cc: Mr. Alan W. Bjork, Town of Rowe Historical Society
David Howland, Department of Environmental Protection
Kenneth Dow, Yankee Atomic Electric Company
James Kay, Framatome ANP

950 CMR: OFFICE OF THE SECRETARY OF THE COMMONWEALTH
APPENDIX A
MASSACHUSETTS HISTORICAL COMMISSION
220 MORRISSEY BOULEVARD
BOSTON, MASS. 02125
617-727-8470, FAX: 617-727-5128

PROJECT NOTIFICATION FORM

Project Name: Yankee Nuclear Power Station Decommissioning Activities

Location / Address: 49 Yankee Rd

City / Town: Rowe, MA 01367

Project Proponent

Name: Yankee Atomic Electric Company

Address: 49 Yankee Rd

City/Town/Zip/Telephone: Rowe, MA (413) 424-5261

Agency license or funding for the project (list all licenses, permits, approvals, grants or other entitlements being sought from state and federal agencies).

Agency Name	Type of License or funding (specify)
Department of Environmental Protection (DEP)	Section 401 Water Quality Certificate Corrective Action Alternatives Analysis Corrective Action Design Beneficial Use Determination (potential) Chapter 91 license (potential)
DEP/Rowe Conservation Commission	Notice of Intent/Determination of Applicability
Environmental Protection Agency (EPA)	Risk-based Disposal Approval
DEP/EPA	National Pollution Discharge Elimination System Permit Renewal
Executive Office of Environmental Affairs	Environmental Notification Form (potential)
Army Corps of Engineers	Section 404 of Clean Water Act
Federal Energy Regulatory Commission	Application for non-project use of project land/ amendment to License (potential)
Nuclear Regulatory Commission	License Termination

Project Description (narrative):

Does the project include demolition? If so, specify nature of demolition and describe the building(s) which are proposed for demolition.

Yes, the project includes demolition of existing structures, with the exception of the Independent Spent Fuel Storage Installation and supporting ancillary facilities (i.e., security, maintenance, and monitoring). The buildings to be demolished are identified in Figure 2. The debris from the demolition will be disposed at an off-site location. The former building sites will be regraded and seeded.

Does the project include rehabilitation of any existing buildings? If so, specify nature of rehabilitation and describe the building(s) which are proposed for rehabilitation.

No

Does the project include new construction? If so, describe (attach plans and elevations if necessary).

No

To the best of your knowledge, are any historic or archaeological properties known to exist within the project's area of potential impact? If so, specify.

No, the structures associated with the Yankee Nuclear Power Station decommissioning activities have not been identified as a historic site or asset. The Project does abut the Sherman Dam Development District, which is listed in the Inventory of Historic Assets and deemed eligible for listing on the State Register of Historic Places. However, the Project will not involve or impact any of the structures associated with the Sherman Dam Development District.

What is the total acreage of the project area?

Woodland	_____	acres	Productive Resources:	
Wetland	<1	acres	Agriculture	_____ acres
Floodplain	_____	acres	Forestry	_____ acres
Open space	_____	acres	Mining/Extraction	_____ acres
Developed	20	acres	Total Project Acreage	20 acres

What is the acreage of the proposed new construction? _____ NA _____ acres

What is the present land use of the project area?

The surrounding area is undeveloped except for a hydroelectric facility (Sherman Dam), which is located to the west of the Yankee Nuclear Power Station.

Please attach a copy of the section of the USGS quadrangle map which clearly marks the project location.

See Figure 1.

This Project Notification Form has been submitted to the MHC in compliance with 950 CMR 71.00.

Signature of Person submitting this form: Gregg Demers Date: 7/11/03

Name: Gregg Demers

Address: 399 Boylston St. 6th Floor

City/Town/Zip: Boston, MA 0211

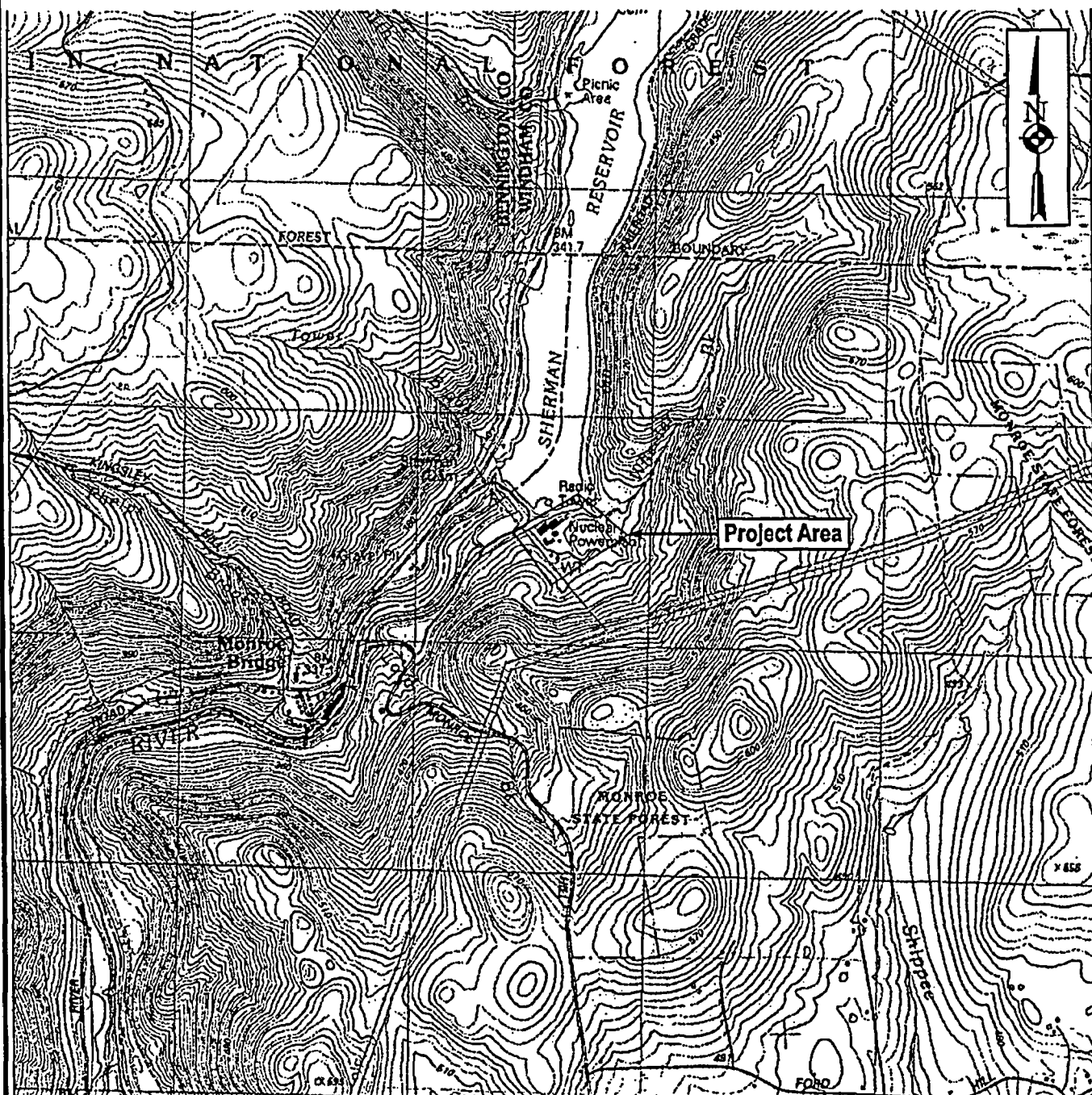
Telephone: (617) 267-8377

REGULATORY AUTHORITY

950 CMR 71.00: M.G.L. c. 9, §§ 26-27C as amended by St. 1988, c. 254.

7/1/93

950 CMR - 276



Scale 1:25,000
 0.5 km 0 500 m
 0.5 mi 0 1,000 ft

Figure 1 - Site Location
 Yankee Nuclear Power Station - Rowe, MA



Reference: Topol Interactive Maps. 1999, Wildflower Production, San Francisco, CA.

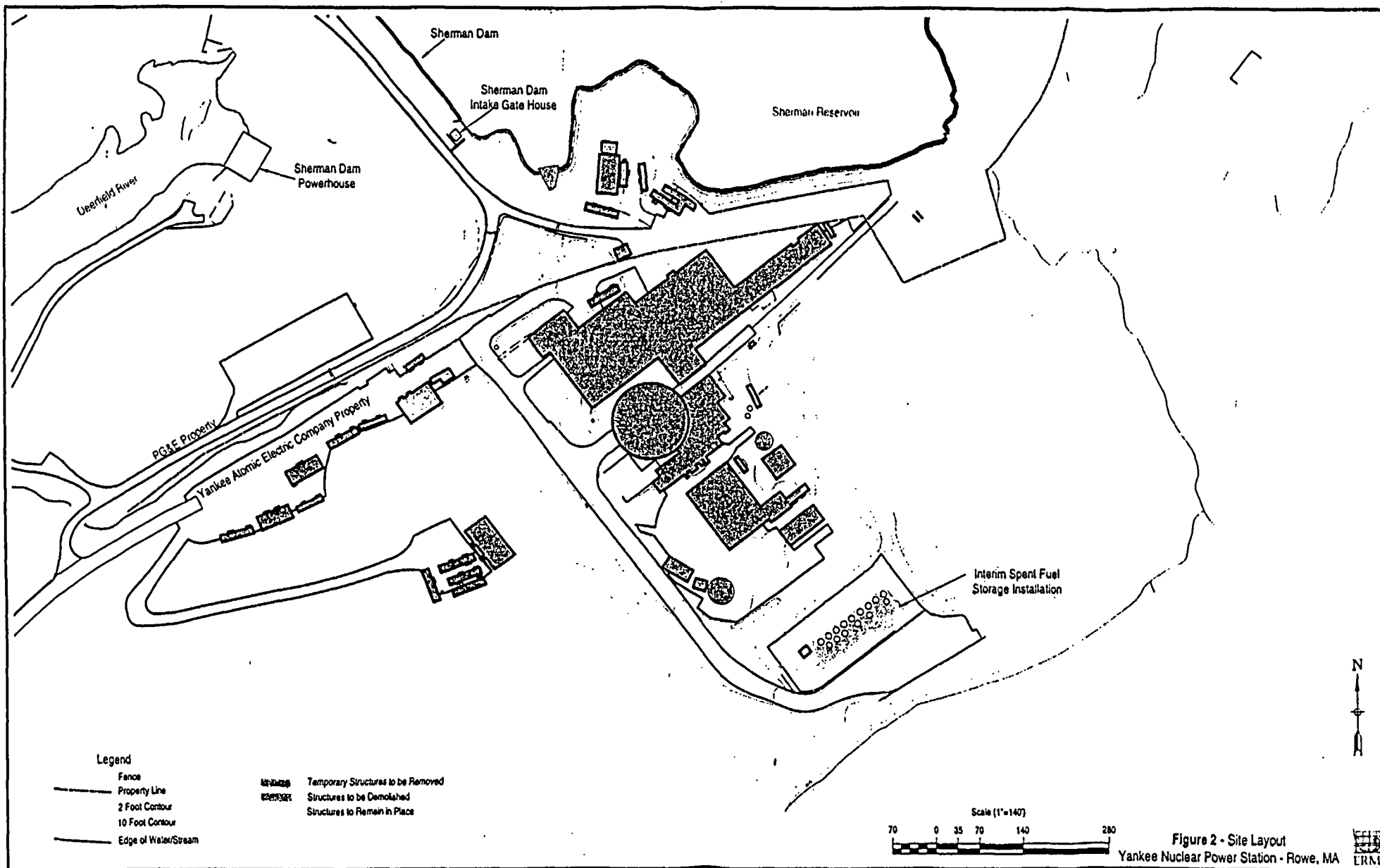


Photo 1: Current Conditions
Yankee Nuclear Power Station, Rowe, MA

