Chairman Town of Rowe
Conservation Commission
Town of Rowe, Massachusetts
P.O. Box 279
Rowe, MA 01367

Subject: Request for Determination of Applicability

Dear Conservation Commission:

Enclosed is a Request for Determination of Applicability (310 CMR 10.00, WPA Form 1) related to the first phase (Phase I) of the demolition activities remaining for final closure of the Yankee Nuclear Power Station (YNPS) in Rowe, MA. The Phase I activities have been structured so that no work in this phase will occur in a wetland resource area. However, we expect some of the Phase I activities to occur within the buffer zone of resource areas (Sherman Pond or wetland areas), but as described herein, these activities will not adversely impact the resource. The Phase I project for which this Determination of Applicability is being sought will be conducted entirely on property owned or controlled by Yankee Atomic Electric Company (YAEC). As described within the request, YAEC will take all necessary precautions to ensure that the nearby pond, wetlands, and adjacent environment are protected from this work activity.

Please note that additional final closure demolition activities under a Phase II project will be performed under the supervision of YAEC, which will involve work activities within wetland resource areas. This Phase II work is not encompassed in the attached Request for Determination of Applicability for Phase I activities. Phase II activities will be the subject of a later application to the Conservation Commission once the scope and location of the Phase II project is finalized.

A copy of this correspondence and enclosure also is being sent to the Massachusetts DEP, Springfield office.

Should you have questions or require additional information, please contact Kenneth W. Dow,
Environmental Supervisor, at (413) 424-2245.

Sincerely,

[Signature]
James A. Kay
Principal Licensing Engineer

Enclosure

c: DEP Western Region
   Suite 402
   436 Dwight Street
   Springfield, MA 01103
A. General Information

1. Applicant:

Yankee Nuclear Power Station
Name
E-Mail Address
49 Yankee Road
Mailing Address
Rowe
City/Town
(413) 424-5261
Phone Number
(413) 424-2205
Fax Number (if applicable)
MA 01367
State Zip Code

2. Representative (if any):

N/A
Firm
Contact Name
E-Mail Address
Mailing Address
City/Town
State Zip Code
Phone Number
Fax Number (if applicable)

B. Determinations

1. I request the Town of Rowe, MA make the following determination(s). Check any that apply:
   Conservation Commission
   □ a. whether the area depicted on plan(s) and/or map(s) referenced below is an area subject to
       jurisdiction of the Wetlands Protection Act.
   □ b. whether the boundaries of resource area(s) depicted on plan(s) and/or map(s) referenced
       below are accurately delineated.
   □ c. whether the work depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
   □ d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction
       of any municipal wetlands ordinance or bylaw of:

      Name of Municipality

   □ e. whether the following scope of alternatives is adequate for work in the Riverfront Area as
       depicted on referenced plan(s).

   □
C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

   49 Yankee Road   Rowe
   Street Address   City/Town
   Map 12           Lot 5
   Assessors Map/Plat Number   Parcel/Lot Number

   b. Area Description (use additional paper, if necessary):

   Yankee Nuclear Power Station general industrial property area (see attached description and figure)

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

   See Attachment 1
C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

N/A

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

☐ Single family house on a lot recorded on or before 8/1/96

☐ Single family house on a lot recorded after 8/1/96

☐ Expansion of an existing structure on a lot recorded after 8/1/96

☐ Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96

☐ New agriculture or aquaculture project

☐ Public project where funds were appropriated prior to 8/7/96

☐ Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision

☐ Residential subdivision; institutional, industrial, or commercial project

☐ Municipal project

☐ District, county, state, or federal government project

☐ Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)
D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office (see Appendix A) were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Yankee Atomic Electric Company
Name
19 Midstate Dr., Suite 200
Mailing Address
Auburn
City/Town
MA 01501
State Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant Brian C. Wood, Site Manager Date 5-28-03

Signature of Representative (if any) Date

N/A
Attachment 1 (cont.)

WPA FORM 1
Request For Determination of Applicability

Phase II demolition activities that will be conducted in, or may otherwise impact wetland resource areas include the removal of structures located along the shoreline of Sherman Reservoir and the removal of the Southeast Construction Landfill area located south of the site along Wheeler Brook. Regulatory review of Phase II activities will be accomplished under separate YAEC filings to the Commission.

Prior to the initiation of Phase I demolition activities, measures and controls will be implemented to prevent or mitigate contact between the environment and potential sources of contamination or pollution. The controls and measures are part of the plant’s existing Spill Prevention Control and Countermeasure (SPCC) Plan and Storm Water Pollution Prevention Plan (SWP3), which are presently on file with the Conservation Commission. The SPCC and SWP3 plans and related procedures identify the potential sources of pollution that may reasonably be expected to affect the quality of water and adjacent environment. The plans define roles and responsibilities and provide the instructions needed to implement and maintain pollution prevention.

The SPCC and SWP3 plans employ Best Management Practices (BMPs), which are the measures or practices used to reduce the amount of pollution entering surface water and the adjacent environment. Erosion of exposed areas will be prevented through the use of hay bales and/or a silt fence line. The hay bales and/or silt fence will be left in place until vegetated or suitable cover is established and the potential for erosion is minimized. Similarly, filter socks that are currently installed within onsite catch basins, will continue to be maintained to ensure sand and soils are captured prior to release to the environment.

Two vegetated wetlands within the vicinity of the ISFSI are located up-gradient of the demolition work areas. The area to the north of the ISFSI will be protected through the placement of staked haybales and/or silt fence positioned along a currently paved area to prevent impacts to this area. The wetland area upgradient and to the west of the ISFSI will not be subject to potential impacts due to the elevated terrain.

Any remedial or corrective action will be taken as appropriate under the SWP3 to mitigate effects to the surrounding environment.
Attachment 1

WPA FORM 1
Request For Determination of Applicability

C. Project Description (cont.)

2.a. Work Description

Overview

Yankee Atomic Electric Company (YAEC), as part of its continuing effort to decommission the Yankee Nuclear Power Station (YNPS) in Rowe, MA, will soon commence Phase I of the remaining demolition activities remaining for final closure of the YNPS. Phase I will consist of the necessary activities to dismantle or demolish certain upland buildings and structures on site. The Phase I activities have been structured so that no Phase I-related work will occur in a wetland resource area. However, a portion of the project activities will be located within or near the “buffer zone” to Sherman Pond and on-site wetlands. Specifically, the service building, warehouse and certain other support structures are located within these buffer zones so that dismantling and demolition of these structures will occur within the buffer zones. (See Figure 2 for locations of affected structures in relation to the buffer zone.) In addition, due to the proximity of the site to Sherman Pond, as well as other onsite wetland areas, storage of equipment is also expected to occur within the 100-foot buffer zone. Accordingly, a Request for Determination of Applicability, under 310 CMR 10.05(3), is being submitted to establish whether the proposed work is subject to the Massachusetts Wetlands Protection Act (M.G.L. c. 131, §40).

A Phase II project will be initiated to perform additional demolition activities in support of final site closure. While the Phase II activities will require that activities be conducted within wetland resource areas, the current Request for Determination of Applicability does not encompass any of the expected Phase II activities. All Phase II activities will be the subject of a later application to the Conservation Commission once the scope and location of the Phase II project is finalized.

Discussion

All demolition activities required for final site closure are expected to occur in two project phases over a two-year period with expected completion in 2005. During this period, all structures comprising YNPS with the exception of those associated with the Independent Spent Fuel Storage Installation (ISFSI) for dry fuel storage will be removed. Building removal will involve the controlled dismantlement or demolition of structures and the placement of debris materials into staged roll-off containers for disposal to licensed facilities off site. Phase I demolition activities are expected to remove all YNPS above-ground structures other than those related to the ISFSI and those along the Sherman Reservoir shoreline. No Phase I related work will occur within a wetland resource area.