



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

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Staff Report  
Petition No. 169  
Northeast Utilities  
Connecticut Yankee Station  
December 22, 1986

Mortimer A. Gelston, Pamela B. Katz, Colin C. Tait, and Thomas E. Fanning, Jr., of the Siting Council met Donald Biondi, Richard Meister, John Clark, James Lubs, and Gary Bourchard of Northeast Utilities (NU) on Monday, December 8, 1986. The purpose was to conduct a field review of proposed improvements to be located to the southeast of the plant on a narrow strip of land between the Connecticut River and the Connecticut Yankee discharge canal. NU proposes to construct a temporary, 50-foot by 70-foot, one-story modular office building; prepare a 150-foot by 200-foot plot for trailer parking; and pave a 150-foot by 500-foot plot for equipment and material storage. Removal of a concrete pad and miscellaneous concrete blocks is also planned. New fencing would be installed at the project's perimeter in the area of the proposed improvements.

The proposed improvements are intended to concentrate work areas and provide storage for equipment and materials used in refueling operations. NU responses to Council pre-field review inquiries indicate that the proposed storage area would provide storage for trailers and equipment which now block clear access to the plant from the barge slip. This is the unloading point for the new turbine and housings, which are very large. An area previously used for temporary storage of the trailers is the site of the proposed new switchgear building (Petition No. 168) and, therefore, would not be available.

The modular service building site and equipment storage area would be paved with bituminous concrete. The trailer parking area would be surfaced with gravel. The project area slopes slightly inward from the northern and southern boundaries. For this reason, the proposed improvements are not expected to significantly affect drainage from the designated inland wetland area east of the proposed services building. Some grading would be necessary to smooth minor mounds, but this is not expected to change the flood capacity of the area. The modular service building would be served by a subsurface sewage disposal system approved by the Connecticut Department

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of Environmental Protection and the Town of Haddam. The existing trees and other vegetation along the river bank and the drainage canal would not be disturbed.

The proposed improvements are planned for use in a nuclear refueling operation scheduled to commence in July 1987 and in subsequent scheduled outages. NU intends to remove all trailers between outages. However, eight to ten trailers could remain for occasional non-outage related projects or in preparation for scheduled outage. All trailers, equipment, and material would be removed if threatened by flooding. The temporary service building would be used for approximately five years and would be installed on elevated supports above the 100-year flood level. All surface improvements would remain after completion of refueling operations.

NU would commence construction immediately following Council approval of the petition.

The Council review team recommends that the vegetation along the river bank be augmented by additional plantings of evergreen trees and shrubs, further screening the proposed trailer park and service building from the river. Additionally, the review team recommends that the bituminous concrete paving be kept to the minimum area necessary to the refueling operations. NU indicated that it would be agreeable to these recommendations.

Thomas E. Fanning, Jr.  
Siting Analyst

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