



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NR NDR

January 22, 1981

Docket No. 50-29
LS05-81-01-027

Mr. James A. Kay
Senior Engineer - Licensing
Yankee Atomic Electric Company
1671 Worcester Street
Framingham, Massachusetts 01701

Dear Mr. Kay:

SUBJECT: SEP TOPIC IX-1 - SPENT FUEL POOL MODIFICATIONS
YANKEE ROWE

By letter dated August 18, 1980, you submitted Revision 1 of Supplement No. 3 to your letter dated July 13, 1978, concerning Proposed Change No. 158, Spent Fuel Pool Modifications. In that letter you requested approval to delete the permanent division wall which had been planned to be installed at the north end of the pool and to replace it with a permanent support bracket which would hold a temporary gate. You also requested approval of plans to provide a stainless steel liner in the area of the pool around the fuel transfer equipment at the north end of the pool. Modifications to the spent fuel rack supports and the installation of a new hatch in the enclosure building roof to accommodate the new gate were also described.

We have reviewed these changes and find them acceptable, as discussed in our attached safety evaluation. However, as noted in the evaluation, we will require that you submit more detailed analyses of the cask drop accident before we permit you to bring a cask into the pool. Additionally, a seismic analysis performed in accordance with Section 3.7 of the Standard Review Plan, and a fuel bundle drop analysis for the pool liner will be necessary before we can conclude that the new fuel racks will be acceptable.

Sincerely,

Dennis M. Crutchfield
Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page



8102180004 p

Mr. James A. Kay

- 2 -

cc w/enclosure:
Mr. James E. Tribble, President
Yankee Atomic Electric Company
25 Research Drive
Westborough, Massachusetts 01581

Greenfield Community College
1 College Drive
Greenfield, Massachusetts 01301

Chairman
Board of Selectmen
Town of Rowe
Rowe, Massachusetts 01367

Energy Facilities Siting Council
14th Floor
One Ashburton Place
Boston, Massachusetts 02108

Director, Criteria and Standards
Division
Office of Radiation Programs
(ANR-460)
U. S. Environmental Protection
Agency
Washington, D. C. 20460

U. S. Environmental Protection
Agency
Region I Office
ATTN: EIS COORDINATOR
JFK Federal Building
Boston, Massachusetts 02203

Resident Inspector
Yankee Rowe Nuclear Power Station
c/o U.S. NRC
Post Office Box 28
Monroe Bridge, Massachusetts 01350