

TERA



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

March 10, 1981

Docket No. 50-213  
LS05-81-03-014



Mr. W. G. Council, Senior Vice President  
Nuclear Engineering and Operations  
Connecticut Yankee Atomic Power Company  
Post Office Box 270  
Hartford, Connecticut 06101

Dear Mr. Council:

The Commission has issued the enclosed Amendment No. 38 to Facility Operating License No. DPR-61 for the Haddam Neck Plant. The amendment consists of changes to your Technical Specifications in response to your application transmitted by letter dated September 29, 1980.

The amendment revises Appendix B of the Technical Specifications by deleting Section 4.2 which contains the requirements for a Shad Monitoring Program.

The objective of ETS 4.2 is to determine the size and population dynamics of the American Shad spawning run in the Connecticut River. The licensee has supported shad population studies since 1965. The results of studies since 1940 are summarized in "Population Dynamics of the American Shad in the Connecticut River, 1940-1977", by Victor Crecco, of the State of Connecticut and provided in the licensee's submittal of September 29, 1980. The size of the shad population has varied enormously since 1965 but plant operation has not had any consistent effect on these estimates. No thermal blockage has been shown to exist which would impede the up or down river migration of shad. Analysis of length and weight distribution, sex ratios and age composition were similarly not shown to be influenced by plant operation.

The State of Connecticut will continue to monitor the shad population particularly in determining the level of commercial and sport fishing that will still provide an adequate spawning stock. Concern at this time is on the efficiency of fishways for transporting spawners over upstream dams and on juvenile mortality during downstream migration.

Based on the above, we conclude that the changes to the Technical Specifications are acceptable as proposed.

8108180812  
P

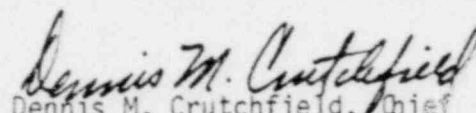
March 10, 1981

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. The amendment applies only to reporting requirements for the Shad Monitoring Program. We have determined that the amendment does not authorize a change in effluent types or an increase in power level, and will not result in any environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Since the amendment only changes the reporting requirements for the shad monitoring program, it is administrative in nature, and it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin and, therefore, does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

A copy of the related Notice of Issuance is also enclosed.

Sincerely,

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

Enclosures:

1. Amendment No. 38 to  
License No. DPR-61
2. Notice of Issuance

cc w/enclosures:  
See next page

cc w/enclosures:  
Day, Berry & Howard  
Counselors at Law  
One Constitution Plaza  
Hartford, Connecticut 06103

Superintendent  
Haddam Neck Plant  
RFD #1  
Post Office Box 127E  
East Hampton, Connecticut 06424

Mr. James R. Himmelwright  
Northeast Utilities Service Company  
P. O. Box 270  
Hartford, Connecticut 06101

Russell Library  
119 Broad Street  
Middletown, Connecticut 06457

Board of Selectmen  
Town Hall  
Haddam, Connecticut 06103

Connecticut Energy Agency  
ATTN: Assistant Director  
Research and Policy  
Development  
Department of Planning and  
Energy Policy  
20 Grand Street  
Hartford, Connecticut 06106

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  
Haddam Neck Nuclear Power Station  
c/o U. S. NRC  
East Haddam Post Office  
East Haddam, Connecticut 06423