



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

September 23, 1981

Docket No. 50-213  
LS05-81-09-060

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:

SUBJECT: NATURAL CIRCULATION COOLDOWN TEST (HADDAM NECK PLANT)

The Commission has issued the enclosed Amendment No. to Facility  
Operating License No. DPR-61 for the Haddam Neck Plant. This amendment  
is in response to your application dated September 17, 1981.

The amendment modifies the Appendix A Technical Specifications to  
permit a one-time natural circulation cooldown test during the 1981  
refueling outage with the plant in Mode 3 (Hot Shutdown).

Copies of our related Safety Evaluation and the Notice of Issuance are  
also enclosed.

Sincerely,

Original signed by  
Dennis M. Crutchfield

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

Enclosures:

1. Amendment No. to  
License No. DPR-61
2. Safety Evaluation
3. Notice

cc w/enclosures:  
See next page

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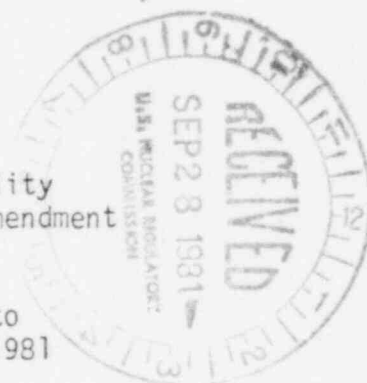
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*TAC 46983*

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SURNAME	WPaulson:ri	HSmith	DCrutchfield	GLainas			
DATE	9/24/81	9/22/81	9/12/81	9/23/81	9/23/81		

September 23, 1981

cc w/enclosures:  
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Hartford, Connecticut 06103

Superintendent  
Haddam Neck Plant  
RFD #1  
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Manager, Generation Facilities Licensing  
Northeast Utilities Service Company  
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Haddam, Connecticut 06103

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

U. S. Environmental Protection Agency  
Region I Office  
ATTN: Regional Radiation Representative  
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Boston, Massachusetts 02203

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