

July 23, 1982

Docket No. 50-213
LS05-82-07-062

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

Dear Mr. Council:

SUBJECT: CONTAINMENT PRESSURE DURING A LOSS-OF-COOLANT ACCIDENT
(LOCA)

This is in response to your letter dated April 1, 1981 concerning containment pressure during a loss-of-coolant accident (LOCA) at the Haddam Neck plant. In that letter you provided a recalculation of the mass and energy release data for the double ended pump suction break case. The containment response associated with this new mass and energy release data was provided. You showed that the calculated peak pressure, assuming an initial containment pressure of 3.0 psig, is 39.3 psig. You also noted that the limiting temperature profile now results from the double ended pump suction break, rather than the double ended pump discharge break. The revised peak temperature is now 267°F.

The staff has reviewed your analysis, and has found it to be correct.

We agree with the conclusions drawn from this analysis as stated in your April 1, 1981 submittal. We consider this issue to be closed for the Haddam Neck plant.

Sincerely,

Original signed by

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

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SURNAME ▶							
DATE ▶	7/27/82	7/24/82	7/23/82				

July 23, 1982

cc
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. Richard R. Laudnat
Manager, Generation Facilities Licensing
Northeast Utilities Service Company
P. O. Box 270
Hartford, Connecticut 06101

Board of Selectmen
Town Hall
Haddam, Connecticut 06103

State of Connecticut
Office of Policy and Management
ATTN: Under Secretary Energy
Division
80 Washington Street
Hartford, Connecticut 06115

U. S. Environmental Protection Agency
Region I Office
ATTN: Regional Radiation Representative
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

Ronald C. Haynes, Regional Administrator
Nuclear Regulatory Commission, Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406