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

December 20, 1979

Docket No. 50-213

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:

By letter dated January 14, 1977, we requested the Connecticut Yankee Atomic Power Company to submit an evaluation of a postulated fuel handling accident inside containment at Haddam Neck. The potential consequences of an accident involving the handling of spent fuel inside containment had not been evaluated previously in a Safety Evaluation for Haddam Neck. By letters dated March 21, 1977, and October 14, 1977, you submitted the evaluation of this accident, as supported by the additional information transmitted by letter dated March 5, 1979. We have reviewed your submittals and have concluded that although the potential consequences are somewhat larger than estimated by you, they are appropriately within the exposure guidelines of 10 CFR Part 100 and are, therefore, acceptable. We have included an evaluation of a lower probability event involving two assembly failures and find the consequences are also within the exposure guidelines of 10 CFR Part 100 and are, therefore, acceptable.

Enclosed is our Safety Evaluation of the postulated fuel handling accident inside containment for Haddam Neck.

Sincerely,

A handwritten signature in dark ink, reading "Dennis L. Ziemann".

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Safety Evaluation

cc w/enclosure:
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Mr. W. G. Council

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cc w/enclosure:
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, Technical Assessment
Division
Office of Radiation Programs
(AW-459)
U. S. Environmental Protection
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Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection
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Region I Office
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