

October 20, 1982

Docket No. 50-213  
LS05-82-10-052

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: SEP TOPIC VII-1.A, ISOLATION OF REACTOR PROTECTION SYSTEM  
FROM NON-SAFETY SYSTEMS, INCLUDING QUALIFICATION OF ISOLATION  
DEVICES, FINAL SAFETY EVALUATION FOR HADDAM NECK PLANT

Enclosure 1 is our contractor's final technical evaluation of the subject for your plant. Our contractor's report has been modified to reflect the additional information and comments provided by the letter from W. G. Council to the Director of Nuclear Reactor Regulation dated August 11, 1982. Enclosure 2 is the staff's final safety evaluation and it is based on Enclosure 1.

Both documents recommend that suitable isolation devices be provided between the process instrumentation system and process recorders and data logger. We also recommend isolation between the protection instrumentation and feedwater control systems (flow and level).

The need to actually implement these changes will be determined during the integrated safety assessment. This topic assessment may be revised in the future if your facility design is changed or if NRC criteria relating to this topic is modified before the integrated assessment is completed.

Sincerely,

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

821025 0363p

Enclosures:  
As stated

cc w/enclosures:  
See next page

SEDA

Add: S. Brown

DSU USE EX(02)

OFFICE	SEP B:DL	SEP B:DL	SEP B:DL	SEP B:DL	ORB #5:PM	ORB #5:BC	AF #5A:DL
SURNAME	R...:dk	SBrown	RHermann	WRussell	JLyons	DCrutchfield	Praglia
DATE	10/13/82	10/13/82	10/14/82	10/14/82	10/15/82	10/16/82	10/17/82

Mr. W. G. Council

cc

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ATTN: Under Secretary Energy  
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U. S. Environmental Protection Agency  
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Resident Inspector  
Haddam Neck Nuclear Power Station  
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