

OCT 25 1985

Docket/License: 50-213/DPR-61

Connecticut Yankee Atomic Power Company  
ATTN: Mr. J. F. Opeka  
Senior Vice President - Nuclear  
Engineering and Operations  
P. O. Box 270  
Hartford, Connecticut 06101

Gentlemen:

Subject: Special Inspection 50-213/85-20 (September 18-23, 1985)

This inspection at the Haddam Neck Plant reviewed matters related to component malfunctions and design deficiencies in the automatic auxiliary feedwater actuation system which were identified during testing at the site on September 10, 1985. The findings were discussed with Messrs. R. Graves, G. Pitman and R. Schmidt of your staff.

It appears that incident to NRC mandated upgrading of the auxiliary feedwater (AFW) system, four solenoid-operated air valves required for automatic actuation of AFW were miswired. In this case, no compromise of AFW function or of safety channel independence has been identified. We are nonetheless concerned about this matter as a general indicator of inadequate installation, inadequate quality control overview, and inadequate component testing. We are also concerned that your design change review program conducted in response to the December 13, 1984 NRC order modifying the Haddam Neck license, does not appear to have addressed component testing adequacy as an essential element of design change control. As a result, it appears, as of September 23, 1985, that your corrective actions do not provide adequate assurance that other similar errors do not exist in your facility.

To discuss these matters further, we have scheduled a management meeting at the NRC Region I office at 10:30 a.m. on October 31, 1985. At that meeting, please be prepared to discuss the problems identified with the AFW system, the above mentioned NRC concerns, and your completed and planned actions. After our evaluation of your input during that meeting, we will inform you in writing of our planned action on this matter.

Your cooperation with us is appreciated.

Sincerely,

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G PDR

*original signed by*  
Richard W. Starostecki, Director  
Division of Reactor Projects

Enclosure: NRC Inspection Report 50-213/85-20

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cc w/encl:

R. Graves, Plant Superintendent  
D. O. Nordquist, Manager of Quality Assurance  
R. T. Laudenat, Manager, Generation Facilities Licensing  
E. J. Mroczka, Vice President, Nuclear Operations  
Gerald Garfield, Esquire  
Public Document Room (PDR)  
Local Public Document Room (LPDR)  
Nuclear Safety Information Center (NSIC)  
NRC Resident Inspector  
State of Connecticut

bcc w/encl:

Region I Docket Room  
Senior Operations Officer (w/o encl)  
DRP Section Chief  
M. McBride, RI, Pilgrim  
J. Shedlosky, SRI, Millstone 1&2  
T. Rebelowski, SRI, Millstone 3  
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Swetland  
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McCabe  
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Wenzinger  
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