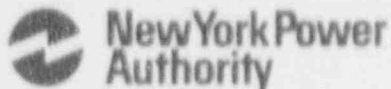


James A. FitzPatrick  
Nuclear Power Plant  
P.O. Box 41  
Lycoming, New York 13093  
315 342 3840



July 16, 1991  
JAFFP-91-0414

United States Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Attention: Mr. Tim Martin, Regional Director

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT -DOCKET  
NO. 50-333 - RE-EVALUATION OF NRC I&E BULLETIN 80-10,  
CONTAMINATION OF NONRADIOACTIVE SYSTEM AND RESULTING  
POTENTIAL FOR UNMONITORED RELEASE TO ENVIRONMENT

References: a. NYPA letter, W. Fernandez to NRC dated April 17, 1991  
transmitting Licensee Event Report 91-004-00 (JAFFP-91-  
0233).

Dear Mr. Martin:

Reference (a) identified a review of the actions required by NRC I&E Bulletin 80-10 as a follow-up corrective action to the release event of March 18, 1991. It was stated that this review would be completed by April 30, 1991. The initial review, conducted in accordance with Plant Standing Order (PSO) 28, Industry Operating Experience Assessment, was completed by the specified date. A copy of this review was provided to the Resident Inspector. This initial review indicated the need for a more in-depth evaluation of certain system interfaces. The in-depth evaluation was completed July 9, 1991.

The following systems, not normally considered to be radioactive, were considered in the evaluation: the Turbine Building Closed Loop Cooling system, the Service Air, Breathing Air, and Instrument Air systems, the Water Treatment system, the City Water system, the Screenwell area, the Sewage Treatment facility, and the Yard Drainage system. In addition, the potential for unmonitored releases through or from the following was considered: the Residual Heat Removal (RHR) and RHR Service Water systems, the Reactor Building Closed Loop Cooling system, the Emergency and Normal Service Water systems, the Steam Reboiler, the Condensate Transfer system, the Auxiliary Boilers and related support systems, and the Radioactive Waste system.

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USNRC  
475 Allendale Road  
King of Prussia, PA 19406  
Attention: Mr. Tim Martin,  
Regional Director

July 16, 1991  
JAFF-91-0414  
Page 2

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Each system was evaluated individually for interfaces that could result in cross-contamination or lead to an unmonitored release. This included potential "temporary" interfaces (such as hose connections). Additionally, the existing sampling and monitoring practices and procedures were reviewed for appropriate sampling points and frequency.

The evaluation identified a number of actions that will further reduce susceptibility to cross-contamination and unmonitored release events. These actions have been assigned to the cognizant plant departments for implementation. The detailed evaluation of I&E Bulletin 80-10 is available for review at your request.

Any questions regarding the matter discussed above should be addressed to Mr. Terry Herrmann, of my staff. Mr. Herrmann can be reached at (315) 349-6513.

Very truly yours,



RADFORD J. CONVERSE  
Resident Manager

cc: Mr. Brian McCabe  
Project Directorate I-1  
Division of Reactor Projects-I/II  
USNRC, Mail Stop 14B2  
Washington D.C. 20555

Mr. Malcom R. Knapp  
Director, Division of Radiation Safety and Safeguards  
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475 Allendale Road  
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Resident Inspector  
DCC