



J. Phillip Bayne  
Executive Vice President  
Nuclear Generation

October 15, 1984  
JPN-84-66

U. S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Attention: Mr. Thomas T. Martin, Director  
Division of Engineering and  
Technical Programs

Subject: James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
Inspection No. 50-333/84-14  
Regarding Emergency Preparedness

- References: 1. NRC letter, T. T. Martin to C. A. McNeill, Jr.,  
dated September 14, 1984 regarding the same  
subject.
2. NYPA letter, C. A. McNeill, Jr. to T. T. Martin,  
dated August 2, 1984 (JAFP-84-0757) regarding  
Inspection No. 50-333/84-10.

Dear Sir:

Reference 1 transmitted to the Authority the results of a recent inspection concerning the July 18, 1984 emergency exercise at our FitzPatrick plant. Although the inspection report did not identify any violations, it did list two items of concern. Reference 1 further requested that we provide corrective action for each item of concern or justification as to why correction is not required.

The Authority's response to these two items of concern are below:

- Item 1. "Open (50-333/84-01) Provide a more thorough review of the annual emergency preparedness exercise scenario by establishing a review committee to evaluate the scenario and to include the NRC, NYPA corporate and plant staff comments."

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Response: The Authority will establish a committee to review and evaluate annual FitzPatrick emergency preparedness exercise scenarios. The committee will include in it's review comments from the FitzPatrick plant staff, Authority headquarters office staff and NRC staff members. Committee members will be Authority personnel from both the plant and headquarters office. This committee will conduct scenario reviews starting with the next full-scale emergency preparedness exercise.

Item 2. "Open (50-333/84-02) Investigate the reliability problems of the computerized dose assessment system; in the interim, develop priority coding practices that will alleviate system slow-down and assure the system reliability necessary to provide adequate information and assessment during any radiological emergency condition."

Response: In Reference 2, the Authority described our plans to install a new computerized dose assessment system. This new system was designed to meet the guidelines of NUREG-0654 for a Class A meteorological model and will provide dose estimates at 15 minute intervals. This new computerized dose assessment system will alleviate any reliability problems that may have been experienced with the existing, shared system. The computer and associated peripherals have been procured. Modifications to install this equipment within the FitzPatrick plant are currently in progress. New software (based on the software currently running on the existing computer) is currently under development. This new software will be optimized for execution on our new system.

Communications equipment for the transmittal of effluent transport and dispersion data to offsite organizations have also been procured.

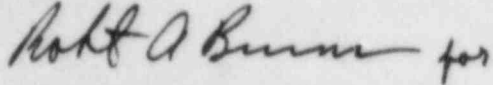
The new computer will be installed and the Class A meteorological model operational by February 15, 1985. This will include the manual entry of meteorological data from the existing Remote Data Acquisition System (RDAS), operated by the Niagara Mohawk Power Corp.

In addition, the Authority has procured a RDAS to provide meteorological data directly to the new computer. This RDAS will permit automated data collection directly from the meteorological instruments on the three existing towers. Software for the RDAS is also under development. The complete system, including a Class A meteorological model and automated data acquisition, will be complete and operational by June 28, 1985.

The Authority does not believe that interim practices are necessary considering the relatively short time before the new system will be installed and operational.

If you have any questions about either of these items, please contact Mr. J. A. Gray, Jr. of my staff.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Robert A. Bayne" followed by a small flourish.

J. P. Bayne  
First Executive Vice President  
Chief Operations Officer

cc: Office of the Resident Inspector  
P.O. Box 136  
Lycoming, New York 13093