

POWER AUTHORITY OF THE STATE OF NEW YORK

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October 1, 1982
JPN-82-75

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& GENERAL COUNSEL

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. Domenic B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing

Subject: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
NUREG-0737 Item III.A.2, Meteorological
Criteria for Emergency Criteria

- References: 1. J.P. Bayne (PASNY) to T.A. Ippolito (USNRC)
dated July 7, 1981 regarding NUREG-0737
Post-TMI requirements. (JPN-81-49)
2. J.P. Bayne (PASNY) to D.B. Vassallo (USNRC)
dated August 25, 1982 (JPN-82-71)

Dear Sir:

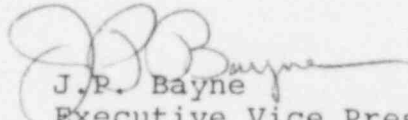
The Authority stated in Reference 1 that an upgraded meteorological system would be provided to serve both the James A. FitzPatrick and Nine Mile Point nuclear power plants. The system would be capable of assessing the impact of a release of radioactive materials to the atmosphere. In References 1 and 2, we committed to providing to you a description of the atmospheric transport and diffusion model to be used. Appendix 2 to NUREG-0654 requests that licensees make a similar submittal.

Please find attached a copy of this description entitled "Dispersion Model Description for the Nine Mile Point/James A. FitzPatrick Nuclear Stations." Niagara Mohawk Power Corp., licensee of the Nine Mile Point plant, has recently informed us that they have transmitted a copy of the model description to you. Since this is a shared system, the model is identical for both plants.

A046

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

Very truly yours,



J.P. Bayne
Executive Vice President
Nuclear Generation

cc: Mr. Ron Barton
United Engineers & Constructors, Inc.
30 S. 17th Street
Philadelphia, PA 19101

Mr. J. Linville
Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 136
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