



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 19, 1999

Mr. James Knubel
Chief Nuclear Officer
Power Authority of the State of
New York
123 Main Street
White Plains, NY 10601

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 98-04,
"POTENTIAL FOR DEGRADATION OF THE EMERGENCY CORE COOLING
SYSTEM AND THE CONTAINMENT SPRAY SYSTEM AFTER A LOSS-OF-
COOLANT ACCIDENT BECAUSE OF CONSTRUCTION AND PROTECTIVE
COATING DEFICIENCIES AND FOREIGN MATERIAL IN CONTAINMENT,"
DATED JULY 14, 1998; JAMES A. FITZPATRICK NUCLEAR POWER PLANT
(TAC NO. MA4049)

Dear Mr. Knubel:

On July 14, 1998, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 98-04, "Potential for Degradation of the Emergency Core Cooling System and the Containment Spray System After a Loss-of-Coolant Accident Because of Construction and Protective Coating Deficiencies and Foreign Material in Containment," to all holders of operating licenses or construction permits. The NRC issued GL 98-04 to determine the status of containment coating programs.

In GL 98-04, the NRC staff specifically requested that the licensees provide information outlined below for each of their facilities.

- (1) A summary description of the plant-specific program or programs implemented to ensure that Service Level 1 protective coatings used inside the containment are procured, applied, and maintained in compliance with applicable regulatory requirements and the plant-specific licensing basis for the facility. Include a discussion of how the plant-specific program meets the applicable criteria of 10 CFR Part 50, Appendix B, as well as information regarding any applicable standards, plant-specific procedures or other guidance used for (a) controlling the procurement of coatings and paints used at the facility; (b) the qualification testing of protective coatings; and (c) surface preparation, application, surveillance, and maintenance activities for protective coatings. Maintenance activities refer to rework of degraded coatings, removing degraded coatings to sound coatings, correctly preparing the surfaces, applying new coating, and verifying the quality of coatings.

NRC FILE CENTER COPY

DF01

PDR ADOCK

(SSCs) during a postulated design basis loss-of-coolant accident (DBLOCA), the following information shall be provided to demonstrate compliance:

- (a) The date and findings of the last assessment of coatings and the planned date of the next assessment of coatings.
 - (b) The limit for the amount of unqualified protective coatings allowed in the containment and how this limit is determined. Discuss any conservatism in the method used to determine this limit.
 - (c) If a commercial-grade dedication program is being used at your facility for dedicating commercial-grade coatings for Service Level 1 applications inside the containment, discuss how the program adequately qualifies a coating for Service Level 1. Identify what standards or other guidance are currently being used to dedicate containment coatings at your facility.
- (ii) For plants without the above licensing-basis requirements, information shall be provided to demonstrate compliance with the requirements of 10 CFR 50.46b(5), "Long-term cooling" and the functional capability of the safety-related containment spray system (CSS) as set forth in your licensing basis. If a licensee can demonstrate this compliance without quantifying the amount of unqualified coatings, this is acceptable. The following information shall be provided:

If a commercial-grade dedication program is not being used at your facility for qualifying and dedicating commercial-grade coatings for Service Level 1 applications, provide the regulatory and safety basis for not controlling these coatings in accordance with such a program. Additionally, explain why the facility's licensing basis does not require such a program.

In response to GL 98-04, you provided a letter of November 10, 1998, for James A. FitzPatrick Nuclear Power Plant. This submittal provided the information requested by GL 98-04. Clarification was provided during a phone call that took place on September 9, 1999. The staff has reviewed your response and has concluded that all requested information has been provided; therefore, we consider GL 98-04 to be closed for your facility. We thank you for your prompt and complete response.

J. Knubel

- 3 -

If you have any questions regarding this matter, please contact Guy S. Vissing at 301-415-1441.

Sincerely,

A handwritten signature in black ink, appearing to read "Guy S. Vissing". The signature is written in a cursive style with a large, stylized "G" and "V".

Guy S. Vissing, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-333

cc: See next page

J. Knubel

- 3 -

If you have any questions regarding this matter, please contact Guy S. Vissing at 301-415-1441.

Sincerely,

Original signed by:
Guy S. Vissing, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-333

cc: See next page

DISTRIBUTION:

File Center
PD1-2 Reading
EAdensam
SLittle
RPulsifer
CLauron
JDavis

PUBLIC
Region I, DRP
SPeterson
GVissing
OGC
ACRS

DOCUMENT NAME:G:\PDI-1\Fitz\LTRMA4049.wpd

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	PDI-1:PM	PDI-1:LA	EMCB:SC	PDI-1:SG		
NAME	GVissing:pmm	SLittle	ESullivan	SPeterson		
DATE	11/10/99	11/10/99	11/16/99	11/18/99		

OFFICIAL DOCUMENT COPY

L

James A. FitzPatrick Nuclear Power Plant

Mr. Gerald C. Goldstein
Assistant General Counsel
Power Authority of the State
of New York
1633 Broadway
New York, NY 10019

Resident Inspector's Office
U. S. Nuclear Regulatory Commission
P.O. Box 136
Lycoming, NY 13093

Mr. Harry P. Salmon, Jr.
Vice President - Engineering
Power Authority of the State
of New York
123 Main Street
White Plains, NY 10601

Ms. Charlene D. Faison
Director Nuclear Licensing
Power Authority of the State
of New York
123 Main Street
White Plains, NY 10601

Supervisor
Town of Scriba
Route 8, Box 382
Oswego, NY 13126

Mr. Eugene W. Zeltmann
President and Chief Operating
Officer
Power Authority of the State
of New York
30 South Pearl Street
Albany, NY 12207-3425

Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. F. William Valentino, President
New York State Energy, Research,
and Development Authority
Corporate Plaza West
286 Washington Avenue Extension
Albany, NY 12203-6399

Mr. Richard L. Patch, Director
Quality Assurance
Power Authority of the State
of New York
123 Main Street
White Plains, NY 10601

Mr. Gerard Goering
28112 Bayview Drive
Red Wing, MN 55066

Mr. James Gagliardo
Safety Review Committee
708 Castlewood Avenue
Arlington, TX 76012

Mr. Arthur Zaremba, Licensing Manager
James A. FitzPatrick Nuclear
Power Plant
P.O. Box 41
Lycoming, NY 13093

Mr. Paul Eddy
New York State Dept. of
Public Service
3 Empire State Plaza, 10th Floor
Albany, NY 12223

Michael J. Colomb
Site Executive Officer
James A. FitzPatrick Nuclear Power Plant
P.O. Box 41
Lycoming, NY 13093

Mr. Eric Beckjord
2909 29th St. NW
Washington, DC 20008-3416