

50-461



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

November 17, 1999

Mr. Mike Reandeau  
Director - Licensing  
Clinton Power Station  
P.O. Box 678  
Mail Code V920  
Clinton, IL 61727

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; CLINTON POWER STATION (TAC NO. MA4033)

Dear Mr. Reandeau:

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 A DOCK

(2) Information demonstrating compliance with item (i) or item (ii).

- (i) For plants with licensing-basis requirements for tracking the amount of unqualified coatings inside the containment and for assessing the impact of potential coating debris on the operation of safety-related systems, structures, and components (SSCs) during a postulated design-basis loss-of-coolant accident (DB LOCA), 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 50.46(b)(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.

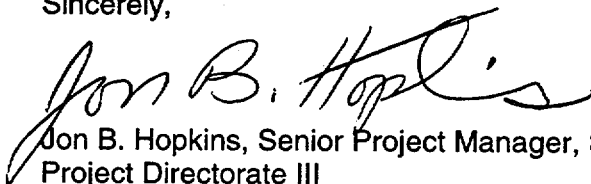
M. Reandeau

- 3 -

In response to GL 98-04, you provided a letter dated November 10, 1998, for Clinton Power Station. This submittal provided the information requested by GL 98-04. Clarification was provided during a phone call that took place on July 20, 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.

Contact me if you have any questions.

Sincerely,



Jon B. Hopkins, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-461

cc: See next page

In response to GL 98-04, you provided a letter dated November 10, 1998, for Clinton Power Station. This submittal provided the information requested by GL 98-04. Clarification was provided during a phone call that took place on July 20, 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.

Contact me if you have any questions.

Sincerely,

Original sig ed by:

Jon B. Hopkins, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-461

cc: See next page

DISTRIBUTION:

- File Center
- PUBLIC
- PD3 R/F
- OGC
- ACRS
- C. Lauron
- J. Zwolinski
- J. Davis
- R. Pulsifer
- G. Grant, RIII
- T. Harris

Document Name: G:\PDIII-2\CLINTON\GL9804-LTR.WPD

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

OFFICE	PM:LPD3	<input checked="" type="checkbox"/>	LA:LPD3	<input checked="" type="checkbox"/>	SC:EMCB	<input checked="" type="checkbox"/>	SC:LPD3	<input checked="" type="checkbox"/>
NAME	JHopkins	<input checked="" type="checkbox"/>	CJamerson	<input checked="" type="checkbox"/>	ESullivan	<input checked="" type="checkbox"/>	AMendiola	<input checked="" type="checkbox"/>
DATE	11/15/99	<input checked="" type="checkbox"/>	11/15/99	<input checked="" type="checkbox"/>	11/10/99	<input checked="" type="checkbox"/>	11/16/99	<input checked="" type="checkbox"/>

OFFICIAL RECORD COPY

In response to GL 98-04, you provided a letter dated November 10, 1998, for Clinton Power Station. This submittal provided the information requested by GL 98-04. Clarification was provided during a phone call that took place on July 20, 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.

Contact me if you have any questions.

Sincerely,

Original sig ed by:

Jon B. Hopkins, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-461

cc: See next page

DISTRIBUTION:

- File Center
- PUBLIC
- PD3 R/F
- OGC
- ACRS
- C. Lauron
- J. Zwolinski
- J. Davis
- R. Pulsifer
- G. Grant, RIII
- T. Harris

Document Name: G:\PDIII-2\CLINTON\GL9804-LTR.WPD

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

OFFICE	PM:LPD3	<input checked="" type="checkbox"/>	LA:LPD3	<input checked="" type="checkbox"/>	SC:EMCB	<input checked="" type="checkbox"/>	SC:LPD3	<input checked="" type="checkbox"/>
NAME	JHopkins	<input checked="" type="checkbox"/>	CJamerson	<input checked="" type="checkbox"/>	ESullivan	<input checked="" type="checkbox"/>	AMendiola	<input checked="" type="checkbox"/>
DATE	11/15/99	<input checked="" type="checkbox"/>	11/15/99	<input checked="" type="checkbox"/>	11/10/99	<input checked="" type="checkbox"/>	11/16/99	<input checked="" type="checkbox"/>

OFFICIAL RECORD COPY

Mike Reandeau

Clinton Power Station, Unit 1  
Illinois Power Company

cc:

John. P. McElwain  
Senior Vice President  
Clinton Power Station  
P.O. Box 678  
Clinton, IL 61727

Illinois Department of Nuclear Safety  
Office of Nuclear Facility Safety  
ATTN: Mr. Frank Nizidlek  
1035 Outer Park Drive  
Springfield, IL 62704

Bill Carsky  
Manager Nuclear Station  
Engineering Department  
Clinton Power Station  
P.O. Box 678  
Clinton, IL 61727

Leah Manning Stetzner  
VP, General Counsel & Corp. Secretary  
500 South 27th Street  
Decatur, IL 62525

Resident Inspector  
U.S. Nuclear Regulatory Commission  
RR#3, Box 229 A  
Clinton, IL 61727

R. T. Hill  
Licensing Services Manager  
General Electric Company  
175 Curtner Avenue, M/C 481  
San Jose, CA 95125

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, IL 60532-4351

Chairman of DeWitt County  
c/o County Clerk's Office  
DeWitt County Courthouse  
Clinton, IL 61727

J. W. Blattner  
Project Manager  
Sargent & Lundy Engineers  
55 East Monroe Street  
Chicago, IL 60603