



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

July 5, 1994

Docket No. 50-461

Clinton Power Station
ATTN: Mr. Richard F. Phares
Director - Licensing
Post Office Box 678
Mail Code V920
Clinton, Illinois 61727

Dear Mr. Phares:

SUBJECT: TRANSMITTAL OF THE NRC SAFETY EVALUATION REPORT FOR THE BWR OWNERS' GROUP RESPONSE TO GENERIC LETTER 89-19, "REQUEST FOR ACTION RELATED TO RESOLUTION OF UNRESOLVED SAFETY ISSUE A-47, 'SAFETY IMPLICATION OF CONTROL SYSTEMS IN LWR NUCLEAR POWER PLANTS' PURSUANT TO 10 CFR 50.54(f)," AND CLOSEOUT OF THIS ISSUE - CLINTON POWER STATION, UNIT NO. 1 (TAC NO. M74927)

Enclosed is the NRC Safety Evaluation Report (SER) addressing the BWR Owners' Group (BWROG) response, dated April 2, 1990, to Generic Letter 89-19. The BWROG report concluded that there is adequate and reliable automatic overfill protection consistent with the NRC requirements for closure of Unresolved Safety Issue A-47. Your letter, dated April 26, 1990 (U-601654), stated that you endorsed the BWROG letter and that the Clinton facility participated in the BWROG evaluation of GL 89-19. Based on the staff's review of the response and the cost/safety benefit analysis, the staff has concluded that upgrading the existing automatic overfill protection systems to achieve additional separation is not warranted.

The BWROG report and your response confirm that the Clinton Power Station provides a satisfactory design for the overfill protection and that appropriate technical specifications as addressed in the generic letter are currently in place.

The generic letter also recommended that (a) plant procedures and technical specifications, for all BWR plants with reactor vessel overfill protection, include provisions to periodically verify the operability of overfill protection and ensure that automatic overfill protection is available to mitigate main feedwater overfeed events during reactor power operations, and (b) all BWR plants reassess and modify, if needed, their operating procedures and operator training to assure that operators can mitigate reactor vessel overfill events that may occur via the condensate booster pumps during reduced system pressure operations. A discussion with Mr. W. Iliff of your staff on June 21, 1994, provided assurance that procedures and training address the overfill protection recommendations of the generic letter.

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Mr. R. F. Phares

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Your confirmation provides an adequate basis to consider NRR's review of your response complete. Further NRC review, if any, will be performed by inspection or audit. If you have any questions concerning this matter, please contact me at (301) 504-1364.

Sincerely,

Original signed by

Douglas V. Pickett, Senior Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Enclosure:
As stated

Distribution:

Docket File

NRC & Local PDRs

PD III-3 R/F

J. Roe 013E4

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OGC 015B18

ACRS (10) P315

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E. Greenman, RIII

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OFC	LA:PDIII-3	PDIII-3	BC:HICB	D:PDIII-3		
NAME	M. Rushbrook	D. Pickett:lm	J. Vermiel	J. Hannon		
DATE	6/29/94	6/29/94	6/30/94	7/15/94	1/94	1/94
COPY	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO

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Mr. Richard F. Phares
Illinois Power Company

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Unit No. 1

cc:

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