



Westinghouse Electric Company
Nuclear Services
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USA

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington DC 20555

Direct tel:
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Your ref:
Our ref: LTR-NRC-05-5

January 27, 2005

Subject: Interim Report of an Evaluation of a Deviation or Failure to Comply Pursuant to 10CFR2121(a)(2).

The following information is provided pursuant to the requirements of 10CFR Part 21 to submit an Interim Report on issues for which an evaluation of reportability will not be completed within 60 days from the discovery of the deviation or failure to comply.

An Interim Report is enclosed for the following Potential Issue Under Westinghouse evaluation:

Charging Pump Runout During Safety Injection – Interim Report 04-006.

If you have any questions regarding this matter, please contact me at (412)374-4643.

Sincerely,

A handwritten signature in black ink, appearing to read 'JA Gresham', written in a cursive style.

James A. Gresham, Manager
Regulatory Compliance and Plant Licensing

Attachment

IE20

Westinghouse Electric Company
Energy Center Site
P.O. Box
Pittsburgh, PA 15230-0355

Interim Report No. 04-006
Date: 1/27/05

SUBJECT:

Interim Report of an Evaluation of a Deviation or Failure to Comply Pursuant to
10CFR21.21(a)(2)

TITLE:

Centrifugal Charging Pump Runout During Safety Injection

BASIC COMPONENT SUPPLIED BY:

Westinghouse Electric Company

NATURE OF DEVIATION:

Westinghouse has identified a potential issue related to a concern for a single operating Centrifugal Charging Pump, in support of a Large Break LOCA, to exceed vendor runout limitations during the period of time when charging pump discharge isolation valves stroke closed and the SI isolation valves stroke open in parallel. This action realigns the system from a normal charging configuration to a safety injection configuration. The concern is the pump's capability following the flow transient to perform long term consistent with design and analysis assumptions.

DATE OF DISCOVERY OF DEVIATION:

December 1, 2004.

EVALUATION STATUS:

Westinghouse is continuing to evaluate the deviation to fully characterize the impact of the deviation. Westinghouse is currently determining the amount of flow beyond runout and the duration of the condition for various plant designs. Working with the pump vendor these values are being used to assess the capability of a centrifugal charging pump to operate Post-LOCA at a performance level consistent with design and analysis assumptions. Evaluation of a 4-loop plant shows this runout condition to be approximately 10 gpm above approved flow rates for 3 seconds. Impact assessment of this condition beyond runout is in process with the pump vendor and similar beyond-runout conditions for other design configurations are being determined.

EVALUATION COMPLETION SCHEDULE DATE:

April 15, 2005