

Indian Point 3
Nuclear Power Plant
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Joseph E. Russell
Resident Manager

July 9, 1990
IP3-90-048
DJC-90-107B

License No. 50-286
Docket No. DPR-64

Charles E. Rossi, Director
Division of Operational Events Assessment
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop P1-137
Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant Response to
NRC Bulletin No. 90-01: Loss of Fill-Oil In
Transmitters Manufactured by Rosemount

- References:
1. NRC Bulletin No. 90-01:
Loss of Fill-Oil In Transmitters
Manufactured by Rosemount, Dated March 9,
1990.
 2. Rosemount Technical Bulletin No. 4
December 22, 1989 Version.

Dear Mr. Rossi:

Reference (1) requested that all addressees complete actions to promptly identify and take appropriate corrective actions for Model 1153 Series B, Model 1153 Series D, and Model 1154 transmitters manufactured by Rosemount that may be leaking fill-oil.

The Authority confirms actions were completed that ensure compliance to requested items 1, 2, 3, 4 and 5 of Reference (1). The Authority has no subject transmitters in the ATWS system. The Authority has no subject transmitters in the reactor protection or engineered safety features actuation systems.

The Authority's reactor vessel level indication system (RVLIS) is the plant's only safety-related system that utilizes the subject transmitters. The RVLIS system has two independent channels each with one subject pressure transmitter numbered

PT-410 and PT-411. These RVLIS pressure transmitters are of a Rosemount suspect high failure fraction manufacturing lot. The Authority implemented a surveillance program to monitor the RVLIS transmitters and to take appropriate corrective action if required.

The Authority's surveillance program, utilizing a diagnostic guideline in Reference (2), has identified that the RVLIS pressure transmitter PT-411 is exhibiting symptoms of a loss of fill-oil. This failure occurred approximately one (1) month after the surveillance program was established. The Authority plans to return the suspect transmitter to Rosemount for analysis. PT-411 is a Rosemount model 1153 Series D pressure transmitter with a serial number of 406275. This transmitter has experienced approximately 768 days of service time at 2235 psig system pressure as of June 18, 1990.

The RVLIS transmitter PT-411 remains out of service until scheduled repairs can be completed during the next planned outage. The Authority is monitoring the RVLIS transmitters until replacement is complete. RVLIS transmitter replacement is scheduled to be performed during the cycle 7/8 refueling outage which will commence on September 15, 1990. The current configuration of the RVLIS system meets all Technical Specification requirements.

The Authority plans to report, in addition to Reference (1) requirements, to the Technical Division of Nuclear Management and Resources Council (NUMARC) and through the Nuclear Plant Reliability Data System (NPRDS) all plant safety-related Rosemount Model 1151, 1152, 1153 and 1154 transmitters that experience a loss of a fill-oil.

Should your staff have any questions regarding this matter, please contact Mr. M. Peckham of my staff.

Sincerely,

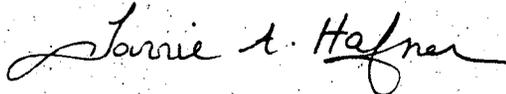


Joseph E. Russell
Resident Manager
Indian Point Unit 3
Nuclear Power Plant

JER:DJC/rj

State of New York
County of Westchester
Subscribed and sworn to before me this

LORRIE A. HAFNER
Notary Public, State of New York
No. 4928710, Dutchess County
Term Expires May 2, 1992



10 day of July 1990

cc: Next page

cc: Mr. Thomas T. Martin
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