

Indian Point 3  
Nuclear Power Plant  
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Buchanan, New York 10511  
914 736-8001



William A. Josiger  
Resident Manager

March 5, 1993  
IP3-NRC-93-016

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

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, DC 20555

Subject: Indian Point 3 Nuclear Power Plant  
NRC Bulletin 90-01 Supplement 1  
Loss of Fill-Oil in Rosemount Transmitters

- References:
1. NYPA letter J. E. Russell to C. E. Rossi (NRC), dated July 9, 1990 (IP3-90-048), "Response to NRC Bulletin 90-01."
  2. NRC Bulletin 90-01, "Loss of Fill-Oil in Transmitters manufactured by Rosemount."
  3. NRC Bulletin 90-01, Supplement 1, "Loss of Fill-Oil in Transmitters manufactured by Rosemount."

Dear Sir:

The Authority has reviewed and identified, in Reference 1, the Indian Point 3 system in which the Rosemount transmitters Model 1153 Series D manufactured before July 11, 1989 (References 2 & 3) are installed.

This letter confirms that the Indian Point 3 Reactor Vessel Level Indicating system (RVLIS) is the only safety-related system that utilizes these transmitters. The RVLIS has two independent channels with one pressure transmitter in each channel numbered PT-410 and PT-411. There are no Rosemount transmitters of the suspect type in the IP3 Reactor Protection system (RPS), Engineered Safety Features (ESF) actuation systems, or the system installed in accordance with 10 CFR 50.62 (AIWS Rule).

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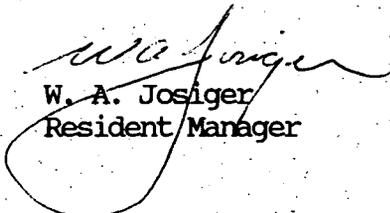
The Authority implemented a surveillance program to monitor the RVLIS transmitters. The surveillance program identified that RVLIS pressure transmitter PT-411 exhibited symptoms of a loss of fill-oil. Consequently, both RVLIS pressure transmitters were returned to Rosemount for repair.

Rosemount replaced the sensor module on PT-410 and conducted calibration, hydrostatic and temperature coefficient testing and temperature cycling. PT-410 passed all testing satisfactorily. Rosemount performed baseline testing including standard calibration and oil level measurement for PT-411. The test indicated that PT-411 functioned normally and had sufficient oil level. PT-411 was pressurized and the output was monitored for an extended period of time with no indication of drift. Rosemount did not perform any further testing because the reported failure could not be verified. PT-411 sensor module was replaced as a precautionary measure. Therefore, both Rosemount transmitters now have new sensor modules.

The actions described above complete the Authority's response to NRC Bulletin No. 90-01, Supplement 1 (Reference 3).

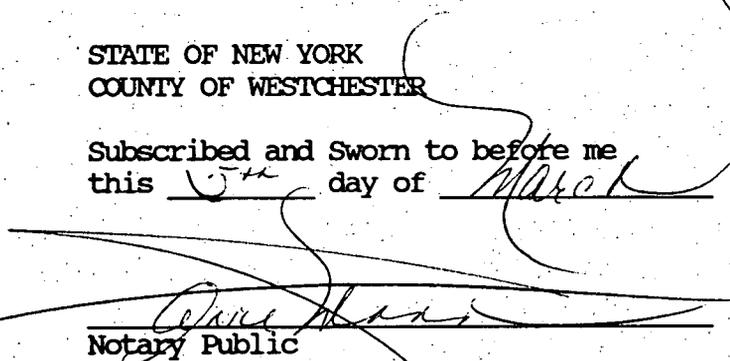
If you or your staff have any questions regarding this matter, please contact Mr. J. Perrotta of my staff.

Very truly yours,

  
W. A. Josiger  
Resident Manager

STATE OF NEW YORK  
COUNTY OF WESTCHESTER

Subscribed and Sworn to before me  
this 5<sup>th</sup> day of March 1993.

  
Notary Public

cc: Next Page

JANICE MANN  
Notary Public, State of New York  
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Commission Expires May 16, 1994

cc:

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