



ATTACHMENT A
UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

File No. RI-86-A-0080
Docket No. 50-410
50-220

11 AUG 1986

Niagara Mohawk Power Corporation
ATTN: Mr. C. V. Mangan
Senior Vice President
300 Erie Boulevard, West
Syracuse, New York 13202

Gentlemen:

Subject: Allegations by Nine Mile Point 1 Instrument and Control Technician

Enclosed is a summary of allegations made by a Nine Mile Point Unit 1 Instrument and Control Technician about activities at Unit 1 expressed to our Resident Inspector initially on July 11, 1986 and subsequently amplified in discussions with our regional staff. We understand from the individual that he has informed your staff of all but the last two concerns, items 13 and 14.

Based on discussions between our staff and you and your staff on August 6 and 7, 1986 at the Nine Mile Point site, we understand that your investigation of these concerns is nearly complete. Please provide us with a written report of the results of your investigation. This letter is being placed in the Unit 2 docket as well as the Unit 1 docket because these potentially significant allegations could impact the schedule for Unit 2 licensing.

Following your submittal of the report, we ask that you arrange to meet with us in our Region I office as soon as possible to discuss the report. We appreciate your cooperation.

Sincerely,

William F. Kane, Director
Division of Reactor Projects

Enclosures: As stated

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Niagara Mohawk
Power Corporation

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11 AUG 1986

cc w/o encl:

Connor & Wetterhahn

John W. Keib, Esquire

J. A. Perry, Vice President, Quality Assurance

W. Hansen, Manager of Quality Assurance

D. Quamme, NMP-2 Project Director

C. Beckham, NMPC QA Manager

T. J. Perkins, General Superintendent

R. B. Abbott, Station Superintendent

T. E. Lempges, Vice President, Nuclear Generation

T. Roman, Station Superintendent

J. Alrich, Supervisor, Operations

W. Drews, Technical Superintendent

Director, Power Division

Department of Public Service, State of New York

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

NRC Resident Inspector

State of New York

bcc w/o encl:-

Region I Docket Room (with concurrences)

Management Assistant, DRMA (w/o encl)

DRP Section Chief

Region I SLO

Robert J. Bores, DRSS



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SUMMARY OF ALLEGATIONS

CRD Pump Vibration Testing

1. In March, 1986, after weeks of daily vibration tests of the CRD pump, testing was suspended when it was apparent that the increasing vibration would exceed the action limit of the ASME requirements and a plant shutdown would have been required prior to the scheduled March 8, 1986 shutdown.

Helium Leak Tests

2. In March, 1986, the chemistry supervisor noted that errors existed in the procedure for helium leak testing the stack gas system, in that portions of the system would not be tested. The allegor found the supervisor's conclusion to be correct. The I&C supervisor assigned the allegor to review the leak testing procedure and propose changes to it. After completing this work, the I&C supervisor sat on the proposed changes and later told the allegor to do the testing with the old procedure. The leak testing was done in April.

Feedwater Check Valve

3. The allegor was instructed to apply 100 psi air to seat the feedwater check valve after it had failed its initial test. It failed the second test also. Then the mechanic installing the replacement valve told the allegor that the valve seat was hammered in place. The valve passed the leak test, but stuck shut during startup.
4. The shift supervisor diverted flow in the feedwater lines to free the stuck feedwater check valve. There appeared to be no procedure for this and no management review. Eventually, the valve opened.

LPRMs

5. During the outage non-qualified technicians installed LPRM connectors in that A techs were installing them without direct supervision from C techs.
6. During the outage and years prior LPRMs connectors were routinely installed without proper Work Request (WR) paperwork, connectors replacements were represented on WRs as troubleshooting, and the installation and test procedure, LPRM-1, was routinely not used or filled out afterward.
7. Since the cable replacement six years ago the LPRM cables have not fit properly into the connectors. The cable dielectrics have been melted smaller (per LPRM-1) or the connector bores have been drilled larger to fit them together.



8. QC involvement in the LPRM connector work was improper in that I&C techs frequently did not inform QC that connectors were being replaced, and even when aware of the connector replacements, QC inspected only paper and never went under the vessel because they knew the work was unacceptable to specifications.
9. On July 10 a different design connector was installed on some LPRMs (prior to being discovered by the resident inspector), and no design change had been submitted for it. In addition, no work requests or LPRM maintenance procedures were prepared until after the resident inspector came down to witness this activity at which time the workers involved took a break to generate the paperwork and get it approved by the shift supervisor.
10. During the outage the allegor was harassed by fellow workers and discriminated against by his supervision due to his raising concerns about the LPRM connector work. The supervisors did little or nothing to correct his harassment.

IRMs

11. The connector on IRM 18 was replaced on June 7, 1986, and was not documented on the WR.
12. The plant was started up on the morning of June 17, 1986 based on falsified surveillance test records for the replaced IRM connector. The I&C techs and assistant supervisor falsified the test record without performing any of the required surveillance testing.

Other

13. An I&C technician working on LPRM connectors received a dose of 1.25 REM which was in excess of his administrative limit.
14. A piece of an aluminum tool about 1 inch by 8 inches was lost in the reactor vessel during the outage. The tool was used for installation and removal of feedwater line plugs.

