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DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

May 22, 1981

TELEPHONE AREA 704
373-4083

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

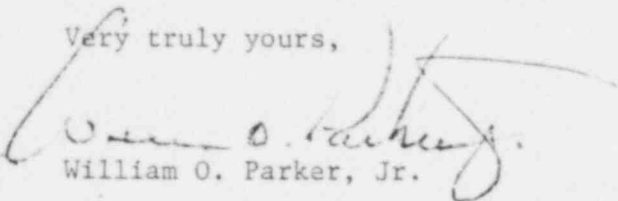


Re: McGuire Nuclear Station Unit 1
Docket No. 50-369

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-369/81-68. This report concerns the Unit Vent noble gas activity monitor, EMF-36, being declared inoperable. This incident was considered to be of no significance with respect to the health and safety of the public.

Very truly yours,


William O. Parker, Jr.

RWO:pw
Attachment

cc: Director
Office of Management & Program Analysis
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Bill Lavallee
Nuclear Safety Analysis Center
P. O. Box 10412
Palo Alto, CA 94303

Ms. M. J. Graham
Resident Inspector - NRC
McGuire Nuclear Station

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McGUIRE NUCLEAR STATION
INCIDENT REPORT

Report Number: 81-68

Report Date: May 25, 1981

Occurrence Date: April 25, 1981

Facility: McGuire Unit 1, Cornelius, N. C.

Identification of Occurrence: The Unit Vent noble gas activity monitor, EMF-36, was declared inoperable due to a loss of sample flow.

Conditions Prior to Occurrence: Mode 3, Hot Standby

Description of Occurrence: Control Room personnel received a loss of flow annunciator alarm for EMF's 35/36/37. The EMF fan would not operate; thus, no sample flow could be obtained. The system was, therefore, declared inoperable. This was reportable pursuant to McGuire Technical Specification 3.3.3.9 and required going into Action Statement #37.

Apparent Cause: Broken V-belt on sample pump.

Analysis of Occurrence: Control Room personnel received an annunciator alarm indicating a loss of sample flow on EMF 35/36/37 at 2240 hours, on April 25. The sample blower tripped off and would not start locally or remotely. Grab samples were taken every eight hours as stipulated by the appropriate Technical Specification Action Statement. A work request to have the system repaired was initiated.

On May 3, 1981, the V-belt on the sample blower was broken. This belt was replaced and the system was declared operable at 1330 hours of that day.

Immediate Corrective Action: Health Physics was notified to sample the Unit Vent at specified intervals and a work request was initiated to have the EMF repaired.

Safety Analysis: The temporary failure of this equipment did not affect the health and safety of the public. The Health Physics group sampled and analyzed the effluent gases at this EMF every eight hours, as stipulated by the Action Statement. During normal plant operation, gaseous sources entering into the unit vent are also monitored by other EMF systems prior to being sampled by EMF 35/36/37.