IRM 366 Revel indicator in experable NRC FORM 366 U.S. NUCLEAR REGULATORY COMMISSION Attachment 1 4410-83-L-0284 17.771 LICENSEE EVENT REPORT CONTROL BLOCK 1187185210 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 0 4 1 1 1 цŌ TIMI 0 01 CON'T SOURCE 10 5 0 0 0 3 2 0 0 1 1 1 1 0 8 3 8 1 2 0 8 8 3 9 66 60 EVENT DATE 74 75 REPORT DATE 80 0 1 DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) 10[2] [At 1230 hours on November 10 and 0300 hours on November 16, 1983, the [0]] [Reactor Building (RB) Sump Level Indicator was reading high. In both [0]4] levents, the indicator was declared inoperable and was returned os operable status within the eight hour timeclock. These events are [0]6] [considered reportable pursuant to Tech Spec 6,9.1.9(b) due to entry [7] linto and compliance with the Action Statement of Technical OB Specification 3.3.3.6 SYSTEM CODE CAUSE SUBCODE COMP SUBCODE COMPONENT CODE SUBCODE X (16) 0 9 I E (1) j(12) Z (1) I N S T R 11(14) | E |(15) 18 13 SEQUENTIAL SEPORT NO. OCCURRENCE REVISION REPORT LER RO EVENT YEAR CODE NO 17 REPORT NUMBER 8 0 61 03 3 0 32 $\diamond\diamond$ ACTION FUTURE COMPONENT MANUFACTURER SHUTDOWN METHOD ATTACHMENT SUBMITTED NPRD-4 PRIME COMP. EFFECT ON PLAN HOURS (22) SUPPLIER 0 (18)G Z_(20) Lololo [<u>Z</u>](2) 9 19 9 (26) Y (23) <u>A</u> (25) (λ) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The above events were caused by an obstruction in the bubbler and 10 reference lines of the level transmitter. The lines were blown free 111 and the level indication returned to normal. The RB Sumo Level 1 2 indicator will be blown monthly to prevent clogging 14 80 METHOD OF FACILITY OTHER STATUS 30 POWER DISCOVERY DESCRIPTION (32) X (28) 0 0 0 29 Recovery Mode AO 5 **Operator** 9 10 ACTIVITY CONTENT 90 RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) N/A MIA 10 45 80 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER 0 🔍 z 🕄 N/A PERSONNEL INJURIES 80 422 DESCRIPTION (1) NUMBER 1 8 N/A 11 8312230192 831208 PDR ADOCK 05000320 LOSS OF OR DAMAGE TO FACILITY 43 z @ PDR 9 S <u>N/A</u> 10 PUBLICITY DESCRIPTION (45) ISSUED NRC USE ONLY 2 0 N/A 60 NAME OF PREPARER Russ Wells PHONE (717) 948-8461

Attachment 2 4410-83-L-0284

LER 83-061/03L-0 EVENT DATES - November 10 and 16, 1983

I. EXPLANATION OF THE OCCURRENCE

At 1230 hours on November 10, 1983, the Reactor Building (RB) Sump Level Indicator was observed to be reading high at an indicated level of 31.8" H2O on RBS-LT-6000. This was based on the fact that the level indication the day before was 4.50" H2O and no water had been added to the RB Basement since then. The level instrument was declared out-of-service and a work request was submitted to investigate the cause. A calibration of RBS-LT-6000 was performed and found it to be accurate. After a blowdown was performed of the bubbler (sensing) line and the reference line, the level indication returned to normal. The RB Sump Level Indicator was returned to service at 1900 hours on November 10, 1983, within the eight hour Technical Specification timeclock.

At 0300 hours on November 16, 1983, the RB Sump Level Indicator was again observed to be reading high at an indicated level of 52" H2O as opposed to the expected normal level of 4.5" H2O. Due to this anomaly, the RB Sump Level Indicator was declared inoperable. After several attempts were made to correct the abnormal indication by adjusting the flow and pressure, an airblow of the bubbler and reference lines was performed and the level indication was returned to normal. The RB Sump Level Indication was returned to service at 0400 hours on November 16, 1983, within the eight hour Tech Spec timeclock.

The above events are considered reportable pursuant to Tech Spec 6.9.1.9(b) due to entry into and compliance with the Action Statement of Technical Specification 3.3.3.6.

This LER is similar to LER's 82-35 and 83-17 in that it concerns failure of the RB Sump Level Instrumentation.

II. CAUSE OF THE OCCURRENCE

The cause of the abnormal level indication in both events was due to an obstruction in the bubbler and/or reference lines of the level transmitter.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

Immediate - In both events, the corrective action to restore
the instrumentation to operable status was to
airblow the bubbler and reference lines.

Long-Term - In order to prevent obstructions from accumulating in the RB Sump Level system, the bubbler and reference lines will be blown down once a month. This requirement is being added to the monthly Preventive Maintenance Program.

V. COMPONENT FAILURE DATA

N/A



GPU Nuclear Corporation Post Office Box 480 Route 441 South Middletown. Pennsylvania 17057-0191 717 944-7621 TEI.EX 84-2386 Writer's Direct Dial Number:

December 8, 1983 4410-83-L-0284

Office of Inspection and Enforcement Attn: Dr. Thomas E. Murley Regional Administrator US Nuclear Regulatory Commission Region I 631 Park Avenue King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2) Operating License No. DPR-73 Docket No. 50-320 Licensee Event Report 83-061/03L-0

Attached please find Licensee Event Report 83-061/03L-0 concerning the failure of the Reactor Building Sump Level instrumentation on November 10 and 16, 1983.

This event concerns Section 3.3.3.6 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely, E lawn g B. K. Kanga Director, TMI-2

BKK/RDW/jep

Attachments

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office Dr. B. J. Snyder, Program Director - TMI Program Office

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