Nuclear

GPU Nuclear Corporation

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November 11, 1982 4410-82-L-0044

Office of Inspection and Enforcement Attn: Mr. Ronald C. Haynes, Director Region I US Nuclear Regulatory Commission 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 82-032/03L-0

Attached please find Licensee Event Report 82-032/03L-0 concerning the periodic inoperability of EPICOR II Ventilation System Radioactive Gaseous Effluent Monitor ALC-RMI-18 beginning on October 7, 1982.

This event concerns Environmental Technical Specification 2.1.3 and is considered reportable under Section 5.6.2.(b) of the Environmental Technical Specifications.

This LER is being submitted after the thirty (30) day Tech Spec requirement as discussed by Mr. S. D. Chaplin of TMI-2 Licensing and Mr. J. S. Wiebe, Senior Resident Inspector (TMI-2), US Nuclear Regulatory Commission on Monday, November 8, 1982.

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Director.

BKK/SDC/jep
Attachments
OC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office
Dr. B. J. Snyder, Program Director - TMI Program Office
Mr. V. Stello, Deputy Executive Director

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U.S. NUCLEAR REGULATORY COMMISSION NRC FORM 366 (7.77) Attachment 1 LICENSEE EVENT REPORT 4410-82-L-0044 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: JO 0 0 0 0 0 - 0 0 3 0 1 $\bigcirc 0$ 0 LICENSE MURABER LICENSEE CODE CON'T 111 2 (8) 2 (9) 0 0 3 2 0 1 0 0 7 8 SOURCE LL GO 5 0 0 1 EVENT DATE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) 9. 1982. the Unit II EPICOR II Effluent Radiation Monitor On October 7. and 11. 02 (ALC-RMI-18) Sampler Pump failed resulting in the monitor being declared inoperable 03 These events are considered reportable under Environmental Tech Spec 5.6.2(b) duo entry into and compliance with the requirements of Environmental Tech Spec 2.1 0 5 These events had no effect on the plant or the health and safety of the public 0 6 0 7 0 8 CONP VALVE CODE CAUSE SURCOOF SURCODE COMPONENT CODE X (14 Z (16) MC E (12 BU 1 X X Z (15 0 9 18 SEQUENTIAL REPORT NO OCCURRENCE REPORT REVISION COOL TYPE NO LER RO REPORT 8 2 (17 01312 0 3 0 NUMBER 32 SHUTDOWS COMPONENT ATTACHMENT NPAD-4 PRIVE COUP ACTION FUTURE EFFECT HOURS 22 SUBWITTED FORMAUS MANUFACTURER 01010 U <u>ц</u> N 24 2 (?) 12 19 19 19 Z Z 20 L (75 (26) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (2) The cause of each failure was a blown fuse for the sampler pump. The pump was replaced 10 Ito facilitate troubleshooting the pump without keeping the system out-of-service. No 111 discrete cause was found in the pump. A cracked fuse holder was identified and replaced. 1 2 The holder may have allowed intermittent shorts to ground. Investigation of trouble-1 3 I shooting practices and associated documentation is underway. 14 80 ACILITY METHOD OF OTHEP STATUS (30) DISCOVERY DESCRIPTION (32) S POWER 0 0 0 0 A (31) Operator observation (78) 5 mode ACTIVITY CONTENT 80 AMOUNT OF ACTIVITY (35 ALLEASED OF AELEASE LOCATION OF RELEASE (36) 2 0 20 6 N/A N/A 10 80 PERSONNEL EXPOSURES DESCRIPTION (39) NUUBER TYPE 0 0 D 2 3 0 1 7 N/A PERSONNE: INJURIES 20 13 DESCRIPTION 41 UVATA 000 . 0 8211290527 821111 11 12 PDR ADOCK 05000 320 PDR 80 LOSS OF OR DAWAGE TO FACILITY S DESCRIPTION Z (1) 1 9 N/A 10 PUBLICITY DESCRIPTION (5) NRC USE ONLY IN IAA 2 0 N N/A 111111 6.8 ... 80.5 PHONE (717) 948-8461 NAME OF PREPARER _ Steven D. Chaplin 5

Attachment 2 4410-82-1-0044

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LICENSEE EVENT REPORT NARRATIVE REPORT TMI-II LER 82-032/03L-0 EVENT DATE - October 7, 1982

I. EXPLANATION OF OCCURRENCE

During the periods of 1330 to 1815 hours on October 7, 1330 to 1615 hours on October 9, and 0945 hours on October 11, to 2045 hours on October 19, 1982, the Unit II EPICOR II Effluent Radiation Monitor (ALC-RMI-18) Sampler Pump failed, resulting in the monitor being declared inoperable. This placed the unit in the action statement of Environmental Technical Specification (Tech Spec) 2.1.3. These events are considered reportable pursuant to Tech Spec 5.6.2.(b).

II. CAUSE OF THE OCCURRENCE

The cause of the failure in each case was the "blowing" of the ALC-RMI-18 Sampler Pump Fuse.

This may have resulted from a cracked fuse holder allowing intermittent shorts to ground.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit II 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

The immediate action taken in each case was to comply with the action statements of Environmental Tech Spec 2.1.3 (i.e. run auxiliary particulate sampler, take noble gas "GRAB" samples, etc.) In each case the Sampler Pump Fuse was replaced. The sampler pump was replaced after the fuse blew on October 11, 1982, to facilitate troubleshooting the pump without maintaining the monitor out-ofservice. However, no deficiencies in the pump were identified that would solely account for the blown fuses. Continued investigation resulted in identification of the cracked fuse holder which was then replaced.

GPU is initiating an investigation to be performed by the Safety Review Group and the Operations Department to determine if appropriate troubleshooting practices were utilized during this event and whether the activities performed were appropriately documented. Upon completion of the investigation, an update to this LER will be submitted.

V. OMPONENT FAILURE DATA

N/A