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CONTROL NO: 185

FILE: INCIDENT REPORT

FROM: Iowa Elec. Light & Power Co. Palo, Iowa Ellery L. Hammond		DATE OF DOC 1-3-75	DATE REC'D 1-7-75	LTR XXX	TWX	RPT	OTHER
TO: Mr. E. Case		ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331		

DESCRIPTION: Ltr reporting an occurrence on 12-26-74 involving isokinetic sample line being plugged, thereby obstructing flow through the sample line....

ENCLOSURES:

PLANT NAME: Duane Arnold Plant.

FOR ACTION/INFORMATION DHL 1-8-75

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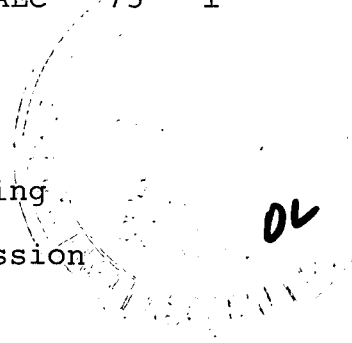
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IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA
DUANE ARNOLD ENERGY CENTER
PALO, IOWA
JANUARY 3, 1975
DAEC - 75 - 1



Mr. Edson G. Case
Acting Director of Licensing
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

SUBJECT: Technical Specification Violation 74-14

FILE: A-110, A-117

Dear Mr. Case:

This letter is to report to you in accordance with Appendix B, Operating License DPR-49, Specification 2.3.1.C.8.

Problem

At approximately 0300 hours on December 26, 1974, with reactor power at 1000 MWt the Off-Gas Sample Hi-Lo Flow Alarm sounded. Investigation revealed that the isokinetic sample line was plugged, thereby obstructing flow through the sample line. The monitors measuring the radiation in the sample were therefore not able to make measurements. Specification 2.3.1.C.8 states that the "Off-Gas Radiation Monitors shall be operable or operating whenever steam pressure is available to the air ejectors".

Investigation

Investigation revealed that condensate in the isokinetic sample line had frozen and plugged the sample line. Pre-treatment and post-treatment off-gas monitors and the steamline monitors did not detect any increase in radiation during the time the Off-Gas Radiation Monitoring System was out of operation. Therefore, the inoperability of the Off-Gas Radiation Monitoring System did not present a potential hazard to the health and safety of the public.

January 3, 1975

A previous Technical Specification Violation involving a frozen Off-Gas Sample Line occurred on December 4, 1974. (See Technical Specification Violation Report No. 74-13). The sample line was heat traced to prevent freezing, however, it was not considered necessary to insulate the line at that time.

Corrective Action

The isokinetic sampling line was de-iced and the Off-Gas Radiation Monitoring System was back in operation by 0850 hours on the same day. In order to prevent the sample line from freezing again, fiberglass insulation was added to the portion of the line that was heat traced.

Conclusion

The DAEC Operations Committee and Safety Committee reviewed and approved the actions taken and conclusions reached in this report on January 3, 1975. The Committees concluded that the subject incident did not present a hazard to the health and safety of the public.

Very truly yours,

Ellery L. Hammond
Ellery L. Hammond
Assistant Chief Engineer
Duane Arnold Energy Center

DLW/ELH/mg

cc: J. G. Keppler
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