

CONTROL NO: 5559

FILE: Enviro

FROM: Iowa Electric Light and Power Co. Cedar Rapids, Iowa Ellery L. Hammond		DATE OF DOC 5-13-75	DATE REC'D 5-20-75	LTR xx	TWX	RPT	OTHER
TO: Mr. Benard C. Rusche		ORIG 1-signed	CC	OTHER	SENT AEC PDR SENT LOCAL PDR		xxx x
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331		
DESCRIPTION: Ltr reporting Environmental Tech-Spec Violation #75-7 on 5-3-75 concerning malfunction of the process computer				ENCLOSURES:			
PLANT NAME: Duane Arnold							

FOR ACTION/INFORMATION 5-22-75 JGB

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IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

PALO, IOWA

MAY 13, 1975

DAEC-75-196

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulations
U. S. Nuclear Regulatory Commission
Washington, D.C. 20545

SUBJECT: Technical Specification Violation 75-7
FILE: A-110 A-117

Dear Mr. Rusche:

This report is submitted in accordance with the requirements of Appendix B to Operating License DPR-49, Specifications 5.4.2.1 and 3.1.1.

Problem

In accordance with Environmental Technical Specification 3.1.1, discharge canal water temperatures are required to be logged hourly and daily by the process computer. Due to a malfunction of the process computer on May 3, 1975, discharge canal water temperatures were not recorded for the hours 1000 - 1600. Since backup temperature monitoring data provided by temperature elements in the cooling tower basin is also transmitted to the process computer, this information also was not available.

Investigation

Prior to the malfunction of the process computer, the 0900 entry in the computer balance of plant log listed the discharge canal temperature as 63.2°F. After the process computer was restored to operation, the 1700 entry in the balance of plant log listed the discharge canal temperature as 66.2°F. Since there also were no significant changes in plant load during the period the computer was inoperative, the change in discharge canal water temperature was relatively small.

Corrective Action

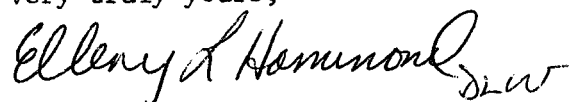
A design review of discharge canal temperature monitoring techniques has been initiated. Pending completion of the review, Operating Personnel have been directed to initiate manual methods for monitoring discharge canal water temperatures during periods when the process computer is non-operative.

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Conclusion

The DAEC Operations Committee and Safety Committee reviewed and approved this report on May 13, 1975.

Very truly yours,

Handwritten signature of Ellery L. Hammond in cursive script, with the initials 'DLW' written at the end of the signature.

Ellery L. Hammond
Assistant Chief Engineer
Duane Arnold Energy Center

DLW:ELH:lf

cc: J. G. Keppler
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