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o:		FROM:	T. 1. C. D	i i
Mr. James G. Keppler		Iowa Elect Light & Power Co . Cedar Rapids, Iowa 52406		12/30/77
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•			095) on 12/20/77 conc testing the HPCI syst not reach the require 25 seconds allowed by	erning during surveilance em discharge flow rate did flow of 3000 GPM in the the surveillance test
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		FOR ACTION	NOTE: IF PERSONNEL SEND DIRECTI CY ENCL R VINFORMATION	EXPOSURE IS INVOLVED LY TO KREGER/J. COLLINS
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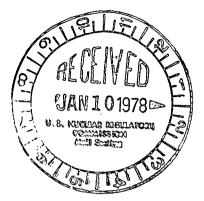
IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER P. O. Box 351

Cedar Rapids, Iowa 52406

December 30, 1977 DAEC -77 - 656

Mr. James G. Keppler, Director Office of Inspection and Enforcement U. S. Nuclear Regulatory Commission-Region III 799 Roosevelt Road Glen Ellyn, Illinois 60137



Subject: Licensee Event Report No. 77-095

(14 day)

File: A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

tark for ELH Ellery M. Hammond

Chief Engineer

Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/mg

cc: Director, Office of Inspection and Enforcement (40) U. S. Nuclear Regulatory Commission

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Washington, D.C.

Director, Management Information and Program Control (3) U. S. Nuclear Regulatory Commission Washington, D.C. 20555

JAN 3 1978

LICENSEE EVENT REPORT

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•	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
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0 1 7 8	REPORT L 6 0 5 0 0 0 3 3 1 7 1 2 2 0 7 7 8 1 2 3 0 7 7 9 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	During Surveillance testing the HPCI system discharge flow rate did not
0 3	reach the required flow of 3000 GPM in the 25 seconds allowed by the s
0 4	urveillance test. Two additional restarts of the system were required t
0 5	o reach design flow rates and time. Flow rate requirement listed in Tec
0 6	h Spec 4.5.D.1. Repetitive occurrence (see RD 77-77). Redundant emerg
0 7	ency core cooling systems operable.
08	9 80
0 9	SYSTEM CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE S F (1)
	17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 30 31 31 32
	ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT NPRD-4 PRIME COMP. COMPONENT MANUFACTURER SUBMITTED FORM SUB. PRIME COMP. COMPONENT MANUFACTURER SUBMITTED FORM SUB. N 24 N 25 T 1 4 7 2 ATTACHMENT NPRD-4 PRIME COMP. COMPONENT MANUFACTURER SUBMITTED FORM SUB. PRIME COMP. SUBMITTED FORM SUB.
1 0	ings and system instrument settings and minor adjustments made where ne
<u> </u>	cessary. Following this the HPCI system operated satisfactory. Furthe
1 2	r surveillance testing will be done to see if the problem is recurring.
114	1
7 8	9 ACILITY STATUS SURVEILlance Test 9 10 12 13 44 45 46 SURVEILLANCE STATUS SO
Α	CTIVITY CONTENT CLEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36 NA N
1 7 7 8	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39 11 12 13 PERSONNEL INJURIES 80
1 8	NUMBER DESCRIPTION (41) NA
1 9	LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION NA 9 10
2 0	PUBLICITY SSUED DESCRIPTION 45 NRC USE ONLY NRC USE ONLY
	NAME OF PREPARER J. Van Sickel PHONE: 319-851-5611

DUANE ARNOLD ENERGY CENTER

Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket Number 50-331

December 30, 1977

Licensee Event Report Date: 123077

Reportable Occurrence No: 77-095

Description of Event

During Surveillance Testing on 12/20/77 the HPCI system did not attain the required flow rate of 3000 GPM in the 25 second period allowed by the Surveillance Test. On the second subsequent test the HPCI system reached the design flow rate in the time allowed. The system flow rate requirement is listed in Technical Specification 4.5.D.1. Redundant emergency core cooling systems were immediately tested and found operable. Repetitive occurrence (see RO 77-77).

Cause of Event

Unknown. No definite cause for this event could be determined. During subsequent testing the problem did not reappear.

Correction Action

Although the system lube oil throttling valve settings and system instrument settings were checked and a few minor adjustments made, no real definitive cause of this event was determined and, therefore, no corrective action could appropriately be taken. Further surveillance testing will be done to determine if the problem is recurring.

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