

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8008250538 DOC. DATE: 80/08/15 NOTARIZED: NO DOCKET #
 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331
 AUTH. NAME AUTHOR AFFILIATION
 RAGER, M. Iowa Electric Light & Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-035/03L-0: on 800719, surveillance testing revealed core spray sys header B to top of core plate high differential pressure alarm activated. Caused by instrument drift, Switch recalibr & functionally tested.

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 TITLE: Incident Reports

NOTES:

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	ACC EVAL BR 14	1	1	AEOD	1	1
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	CHEM ENG BR 16	1	1	CONT SYS BR 17	1	1
	CORE PERF BR 18	1	1	D/DIR, HUM FAC19	1	1
	DIR, ENGINEER120	1	1	DIR, HUM FAC S21	1	1
	DIR, SYS INTEG22	1	1	EFF TR SYS BR23	1	1
	EMERG PREP 24	1	1	EQUIP QUAL BR25	1	1
	GEOSCIENCES 26	1	1	HUM FACT ENG 27	1	1
	HYD/GEO BR 28	1	1	I&C SYS BR 29	1	1
	I&E 05	2	2	JORDAN, E./IE	1	1
	LIC GUID BR 30	1	1	LIC QUAL BR 31	1	1
	MATL ENG BR 32	1	1	MECH ENG BR 33	1	1
	MPA	3	3	NRC PDR 02	1	1
	OP EX EVAL BR34	3	3	OR ASSESS BR 35	1	1
	POWER SYS BR 36	1	1	PROC/TST REV 37	1	1
	QA BR 38	1	1	RAD ASSESS BR39	1	1
	REACT SYS BR 40	1	1	REG FILE 01	1	1
	REL & RISK A 41	1	1	SFTY PROG EVA42	1	1
	SIT ANAL BR 43	1	1	STRUCT ENG BR44	1	1
	SYS INTERAC B45	1	1			
EXTERNAL:	ACRS 46	16	16	LPDR 03	1	1
	NSIC 05	1	1	TERA:DOUG MAY	1	1

AUG 26 1980

Handwritten signatures and initials: "AOK" and "GD"

LICENSEE EVENT REPORT

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LICENSEE CODE: I A D A C 1; LICENSE NUMBER: 0 0 - 0 0 0 0 0 0 - 0 0 0; LICENSE TYPE: 4 1 1 1 1 1; CAT 58

REPORT SOURCE: 0 1 5 0 0 0 3 3 1; DOCKET NUMBER: 0 1 5 0 0 0 3 3 1; EVENT DATE: 0 7 1 1 1 9 8 1 0; REPORT DATE: 0 1 8 1 1 5 8 1 0

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

During normal surveillance testing B core spray system header to top of core plate high diff pressure alarm was found activated. Investigation found PDIS 2139 tripped at 3.15 PSID. Tech Spec 3.2.B specifies a trip setpoint of 2.46 +/- 0.25 PSID (0.74 PSID plus head and temp corr) In accordance with T S 3 5 A 2 the core spray inop package was run immediately and completed sat. B core spray sys was returned to service within 4 hrs. to cancel 7-day LCO. See also RO 80-08, 76-11, AD 75-39.

SYSTEM CODE: S I F; CAUSE CODE: E; CAUSE SUBCODE: E; COMPONENT CODE: I N I S T R I U; COMP. SUBCODE: S; VALVE SUBCODE: Z; LER/RO REPORT NUMBER: 8 0; EVENT YEAR: 8 0; SEQUENTIAL REPORT NO.: 0 3 1 5; OCCURRENCE CODE: 0 3; REPORT TYPE: L; REVISION NO.: 0; ACTION TAKEN: E; FUTURE ACTION: Z; EFFECT ON PLANT: Z; SHUTDOWN METHOD: Z; HOURS: 0 1 0 0 0; ATTACHMENT SUBMITTED: N; NPRO-4 FORM SUB.: N; PRIME COMP. SUPPLIER: N; COMPONENT MANUFACTURER: B I O 8 1 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

Instrument drift. PDIS 2139 was promptly recalibrated and functionally tested sat. PDIS 2139 is an IIT Barton model 288A diff pressure switch. The adequacy of this instrument application and other Barton instruments used at this facility is the subject of a continuing design review. No further corrective action is planned at this time.

FACILITY STATUS: E; % POWER: 0 7 8; OTHER STATUS: NA; METHOD OF DISCOVERY: B; DISCOVERY DESCRIPTION: Surveillance Testing; ACTIVITY CONTENT RELEASED OF RELEASE: Z; AMOUNT OF ACTIVITY: NA; LOCATION OF RELEASE: NA; PERSONNEL EXPOSURES: 0 0 0 0; PERSONNEL INJURIES: 0 0 0 0; LOSS OF OR DAMAGE TO FACILITY TYPE: Z; PUBLICITY ISSUED: N

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