

September 10, 1990

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-90-30

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV staff on this date.

FACILITY: Houston Lighting & Power
South Texas Project, Unit 1
Bay City, Texas
DN: 50-498

Licensee Emergency Classification:
☒ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☐ Not Applicable

SUBJECT: REACTOR SHUTDOWN REQUIRED BY THE TECHNICAL SPECIFICATIONS

The licensee declared a notice of unusual event (NOUE) at 8:22 a.m. (CDT) on September 10, 1990, with the reactor at 100 percent thermal power. This was required by the licensee's emergency implementing procedure for a reactor shutdown required by the Technical Specifications (TS). The applicable TS, 3.8.3.1(g), requires that the 120-volt AC vital Distribution Panel DP002 be energized from its associated inverter connected to the safety-related power supply. The TS allows the distribution panel to be connected to a nonsafety-related power supply for up to 24 hours or, otherwise, be in hot shutdown within the following 6 hours.

The inverter was delcared out of service on 8:22 a.m. on September 9, 1990, following an unexpected trip of the inverter. The "C" train inverter trip resulted in engineered safety feature actuations of the control room and containment building ventilation systems. The licensee powered the inverter from the nonsafety-related power supply and restored the ventilation systems to their normal lineups. The licensee's troubleshooting activities did not identify the cause for the inverter trip prior to exceeding the 24-hour TS limit for continued operation. The licensee expects to be in hot shutdown by 1:22 p.m.

The affected inverter is an Elgor 25 Kva inverter which the licensee is continuing to troubleshoot.

Neither the licensee nor the NRC plans to issue a press release.

The state of Texas will be informed.

Region IV received notification of this occurrence by telephone from SRI at 7:22 a.m. Region IV has informed the EDO, NRR, and PA.

This information has been confirmed with a licensee representative.

CONTACT: J. Wiebe, FTS 728-8287

J. Johnson
RM:D:DRP
for SJCollins;df
9/10/90

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RDMartin
9/10/90

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DISTRIBUTION:

OWFN

Chmn. Carr	CA	NMSS
Comm. Rogers	OGC	NRR
Comm. Curtiss	GPA	SLITP
Comm. Remick	PA	OE
ACRS	EDO	

NMBB

AEOD

IRM

OIG

L-St

PDR

EW-W

ASLAP

NL

RES

FAX:

INPO

PDR

NSAC

RRI

NRC OPS Ctr

Licensee (Reactor)

MAIL: DCS (Orig. IE34)
DOT (Transp. Only)

(5520: 9/10/90 @ 11:50
Regions & HQ)

DISTRIBUTION:

Node Local

<u>Name</u>	<u>Address</u>	<u>NRC Office Receiving PN</u>
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NRCRM	AEODPN	AEOD/PDR (Patty Wilson)
NRCRM	ROABPN	AEOD
NRCRMP	ASLAPDW	ASLAP (Displaywriter/PC)
1NRC1718	CARRPN	Chairman Carr (Connie Schum)
1NRC1718	CURTISPN	Commissioner Curtiss (Gigi Rammling)
1NRC0708	OEPN	Enforcement (Betty Summers)
1NRC1718	EDOPN	Executive Director for Operations (Doris Day)
1NRC1516	OGCPN	General Counsel (Dianna Papini)
1NRC1718	GRIGGS	Governmental & Public Affairs (Dianne Griggs)
1NRC1718	OCAPN	GPA: Congressional Affairs (Janice Hester)
1NRC02	OPAPN	GPA: Public Affairs (Gladys Ordaz)
1NRC0304	SLIPN	GPA: State/Local Indian Tribes Program (Kath Kerr)
NRCRMP	OIGDW	Inspector General (Displaywriter/PC)
NRCRMP	IRMPN	IRM (Dick Hartfield)
1NRC0304	NMSSPN	Nuclear Material Safety & Safeguards (Pat Graaf)
1NRC0506	NMSSPN	Nuclear Material Safety & Safeguards (Cathy Jenkins)
1NRC1112	NRRPN	Nuclear Reactor Regulation (Donna Berean)
NRCRES	RESPN	Research (Pat Thompson)
NRCRI	RIPN	Region I
NRCRII	RIIPN	Region II
NRCRIII	RIIIPN	Region III
NRCRIV	RIVPN	Region IV
NRCRV	RVPN	Region V

* Does not include non-NRC locations (labs, utilities)