NRC FORM 366
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: ☐☐☐☐☐☐ ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 N C B E P 1 ② 0 0 - 0 0 0 0 0 - 0 0 ③ 4 1 1 1 1 ④ ☐☐ ⑤
LICENSEE CODE: NCBEP1 — LICENSE NUMBER: 00-00000-00 — LICENSE TYPE: 41111 — CAT

CON'T
0 1 REPORT SOURCE: L ⑥ DOCKET NUMBER: 0 5 0 - 0 3 2 5 ⑦ EVENT DATE: 0 8 2 4 7 9 ⑧ REPORT DATE: 0 9 2 0 7 9 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 After reaching 99% power following reduced power operation due to condenser back pres-
0 3 sure, a daily core parameter check revealed that the LHGR was 13.69 kw/ft., or greater
0 4 than the MLHGR of 13.4 kw/ft. The nuclear engineer had estimated at 96% power that
0 5 sufficient margin existed in LHGR to allow full power operations. Power was immediately
0 6 reduced and LHGR returned within specifications.
0 7 Technical Specifications 3.2.4, 6.9.1.9b
0 8

0 9	SYSTEM CODE: R B ⑪	CAUSE CODE: D ⑫	CAUSE SUBCODE: Z ⑬	COMPONENT CODE: Z Z Z Z Z Z ⑭	COMP. SUBCODE: Z ⑮	VALVE SUBCODE: Z ⑯

⑰ LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 9	—	0 6 3	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS ㉒	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X ⑱	G ⑲	Z ⑳	Z ㉑	0 0 0 0	Y ㉓	N ㉔	N ㉕	Z 9 9 9 ㉖

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 The cause of this event was operating without a margin to the MLHGR and not monitoring
1 1 the approach to the MLHGR limit meticulously enough while increasing reactor power.
1 2 This was caused by not having completed all preventative measures of LER 1-79-022,
1 3 dated 8-21-79. Operating restrictions were placed in the daily instructions and at
1 4 the nuclear engineer's desk. Caution tags were placed on the control rod select (CON'T)

1 5	FACILITY STATUS: E ㉘	% POWER: 0 9 9 ㉙	OTHER STATUS ㉚: NA	METHOD OF DISCOVERY: B ㉛	DISCOVERY DESCRIPTION ㉜: Periodic Test
1 6	ACTIVITY RELEASED: Z ㉝	CONTENT OF RELEASE: Z ㉞	AMOUNT OF ACTIVITY ㉟: NA		LOCATION OF RELEASE ㊱: NA

PERSONNEL EXPOSURES
1 7 NUMBER: 0 0 0 ㊲ TYPE: Z ㊳ DESCRIPTION ㊴: NA

PERSONNEL INJURIES
1 8 NUMBER: 0 0 0 ㊵ DESCRIPTION ㊶: NA

LOSS OF OR DAMAGE TO FACILITY ㊸
1 9 TYPE: Z ㊷ DESCRIPTION: NA

1021 163

PUBLICITY
2 0 ISSUED: N ㊹ DESCRIPTION ㊺: NA

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NRC USE ONLY ☐☐☐☐☐☐☐☐☐☐☐☐☐

NAME OF PREPARER A. C. Tollison, Jr. PHONE: 919-457-9521 panel and the recirculation pump controllers to warn the operators of these limits. To prevent a recurrence, the following steps are being taken:

1) An evaluation is being conducted using a 3D core simulator to determine a control rod pattern which will provide a greater margin to MLHGR.

2) When increasing power with 5% margin to a thermal limit, the nuclear engineer will be present to monitor the approach to the limits, or specific instructions will be left informing the operator how to monitor the approach to these limits.

3) The retraining program for licensed operators will include an approximate eight-hour class on nuclear engineering and core parameter monitoring.

4) This LER will be reviewed by all nuclear engineers and licensed operators.

5) In the future on events of this type, temporary corrective action will be taken in the form of shift instructions, caution tags, etc., until approved, permanent corrective action can be completed.