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 LICENSEE CODE: G A E I H 2 ② LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 ③ LICENSE TYPE: 4 1 1 1 1 ④ CAT ⑤

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 At 0020 hours with mode switch in RUN during power increase following
0 3 BOP problems, the Rx engineer observed CMFLPD to be greater than FRTP.
0 4 Attempts to reduce the relative power or adjust the APRMs within the
0 5 required time limit were unsuccessful. The shift foreman was notified,
0 6 and plans were made to be less than 25% power within 4 hrs if not cor-
0 7 rected. Subsequently, adjusted pattern and APRMs at 0421. There were
0 8 no effects upon public health or safety. Repetitive event - see LER 50-366/1981-03.

0 9 SYSTEM CODE: Z Z ⑪ CAUSE CODE: A ⑫ CAUSE SUBCODE: X 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: 8 1 — SEQUENTIAL REPORT NO.: 0 5 2 / OCCURRENCE CODE: 0 3 REPORT TYPE: L — REVISION NO.: 0

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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 The cause of the event has been attributed to time delays for adjusting
1 1 rods, running TIP scans, and processing time from the computer. The en-
1 2 gineer continued to adjust the rod pattern and improve the computer ac-
1 3 curacy until 0421 CDST when the APRMs were adjusted as required by Tech
1 4 Specs. All Rx engineers were informed of the event to preclude recurrence.

1 5 FACILITY STATUS: C ㉘ % POWER: 0 6 3 ㉙ OTHER STATUS ㉚: NA METHOD OF DISCOVERY: A ㉛ DISCOVERY DESCRIPTION ㉜: Reactor engineer observation

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

PUBLICITY
2 0 ISSUED: N ㊹ DESCRIPTION ㊺: NA NRC USE ONLY

8107020400

NAME OF PREPARER C. L. Coggin, Supt. Plt. Eng. Serv. PHONE 912-367-7851

LER #: 50-366/1981-052
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1981-052

On 6-11-81, at 0020 with the mode switch in RUN during a power increase following BOP problems associated with condenser vacuum the reactor engineer observed the CMFLPD was greater than FRTP. Attempts were made to change the overall power with respect to local power in the area of high peaking by changing recirc flow. After updating the base distribution and obtaining a computer analysis the CMFLPD/FRTP ratio was still excessive; at this point the two-hour time limit required by Tech Specs 3.2.2 had expired. Rod groups in the region of high peaking were inserted to suppress the excessive peaks, TIP traces were obtained in the adjacent and failed channels, and a computer analysis was demanded. The computer analysis revealed the CMFLPD/FRTP ratio to be acceptable at 0421 hours.

There were no effects upon public health and safety due to this event. This event is repetitive as last reported on LER 50-366/1981-003.

Adjusting core flow or the rod pattern to change core parameters is an iterative process involving rod movements, TIP scans, and processing of the data by the computer to calculate the new values. In some cases, as above, these changes are insufficient to allow APRM adjustments, and sufficient time to correct the problem does not exist.

All reactor engineers have been informed of the details of the event with suggestions to preclude further recurrence.