

GEORGIA POWER COMPANY

HATCH NUCLEAR PLANT

PROCEDURE

Seismic Instrumentation Triggered
PROCEDURE TITLE

HNP-1-2092
PROCEDURE NUMBER

Operations
RESPONSIBLE SECTION

SAFETY RELATED ()

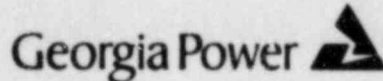
NON-SAFETY RELATED (X)

REV.	DESCRIPTION	APPROVED DEPT. HEAD	APPROVED PLANT MANAGER	DATE
5	Page 1 & 2	<i>S. B. G.</i>	<i>Jim Lee -</i>	<i>2/22/03</i>

8412140163 841129
PDR ADOCK 05000321
V PDR

APPROVAL
See Title Page
DATE
See Title Page

E. I. HATCH NUCLEAR PLANT



PROCEDURE NO
HNP-1-2092
REVISION NO
5
PAGE NO
1 of 2

SEISMIC INSTRUMENTATION TRIGGERED

A. CONDITION

One or both the following alarms is received on panel H11-P657.

NOTE

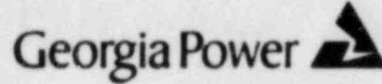
Seismic Instrumentation Triggered Alarm is shared with Unit 2.

B. ACTION

1. SEISMIC INSTRUMENTATION TRIGGERED (Setpoint: 0.025g) indicates an earth tremor has occurred and the recording accelerometers have been triggered.
 - a. Check Seismic Acceleration Play-back recorder L51-V6R-R601 on panel H11-D701 to determine Magnitude of tremor.
 - b. Shut down reactor per HNP-1-1025 if tremor exceeds DBE 0.08g horizontal and/or 0.054g vertical.
 - c. Monitor plant operating parameters for abnormalities.
 - d. Conduct visual surveillance of plant structures for abnormalities, and report findings to Shift Supervisor.
 - e. Notify plant management.
 - f. Refer to HNP-4858.
 - g. Depending on the magnitude of the earthquake, refer to HNP-4420 for notification of an unusual event.
2. SEISMIC PEAK SHOCK RECORDER HIGH G LEVEL (Setpoints in tables below) indicates earthquake accelerations approaching or exceeding DBE of 0.15g and peak shock recorder L51-Vbe-N105 is triggered. Amber light on Annunciator L51-VbC-R620, panel H11-P601, indicates earthquake accelerations on Unit 1; red lights indicate earthquake accelerations on Unit 2.

APPROVAL
See Title Page
DATE
See Title Page

E. I. HATCH NUCLEAR PLANT



PROCEDURE NO HNP-1-2092
REVISION NO 5
PAGE NO 2 of 2

ANNUNCIATOR PANEL L51-V6C-R620 SETPOINTS

<u>E/W AND N/S</u>		<u>VERTICAL</u>	
HERTZ	G FORCE	HERTZ	G FORCE
2.5	0.26	6.4	0.15
4	0.48	10.1	0.15
6.4	0.28	12.7	0.12
12.7	0.15	16	0.10

- a. Check magnitude of earthquake at annunciator L51-V6C-R620 on panel H11-P701.
- b. Notify plant management.
- c. Refer to HNP-4858.
- d. Depending on the magnitude of the earthquake, refer to HNP-4420 for notification of an unusual event.