

GEORGIA POWER COMPANY

HATCH NUCLEAR PLANT

PROCEDURE

Site Area Emergency - Internal Survey Team
PROCEDURE TITLE

HNP-4624
PROCEDURE NUMBER

Lab
RESPONSIBLE SECTION

50-321

SAFETY RELATED (X)

NON-SAFETY RELATED ()

REV.	DESCRIPTION	APPROVED DEPT. HEAD	APPROVED PLANT MANAGER	DATE
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E. I. HATCH NUCLEAR PLANT

Georgia Power 

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SITE AREA EMERGENCY - INTERNAL SURVEY TEAM

NOTE

This procedure supercedes HNP-4603 Revision 4 dated 1-2-81.

A. CONDITION

Events are in process or have occurred which involve actual or likely major failures of plant functions needed for protection of the public. Any releases are not expected to exceed PAG exposure levels, except near the site boundary.

B. REFERENCES

HNP-4620.

C. ACTION

NOTE

This action is to be taken by the Health Physics Supervisor or designated alternate, whenever possible, or by other trained personnel.

1. Obtain the following equipment from the Emergency Kit or from the HP Office:


- High Range Survey Meter
- High Range Dosimeter
- GM Survey Instrument and Wipes
- MSA Air Pack SCBA
- Protective Clothing
- Air Sampler

2. Turn instruments on and allow them to warm up.
3. Don the protective clothing and the SCBA. Proceed toward area where the emergency exists making survey as you go.
 - a. If any of the following readings are observed, retreat immediately and notify the Control Room
 - Beta, Gamma - any reading above 5 R/hr
 - Contamination - 10,000 cpm above background on a wipe
4. Take samples with an air sampler if conditions permit.
5. Determine cause of high activity and notify Control Room.

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6. Rope off and post areas of high air activity or radiation as conditions permit.
7. Determine habitability of health physics, laboratory and counting room areas. Report to Control Room.

NOTE

The primary means of communication with the control room, ECF and TSC will be through the use of the plants telephone system. If this system should become inoperable, then the page will act as the backup means of communication.

8. Assist Control Room personnel when requested in evaluating the extent of radioactive material released or potential for release, using effluent monitor readings or other air samplers readily available, meteorological instrumentation, and procedures HNP-4850 and HNP-4851 to estimate dose rates to persons beyond the plant site boundary.
9. Notify Shift Foreman if conditions exist that would cause a person at or beyond the plant site boundary to receive radiation exposure at General Emergency levels or action levels in HNP-4851.
10. Communicate with the Emergency Operations Facility and/or Technical Support Center in determining extent of the activity release.
11. Document survey findings on standard health physics survey forms; report findings and present completed survey forms to H.P. Supervision for approval and filing.
12. Return to the O.S.C when released by the Shift Foreman or H.P. Supervisor.

REFERENCE
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GEORGIA POWER COMPANY

HATCH NUCLEAR PLANT

PROCEDURE

General Emergency - Internal Survey Team
PROCEDURE TITLE

HNP-4724
PROCEDURE NUMBER

Operations
RESPONSIBLE SECTION

SAFETY RELATED (X)

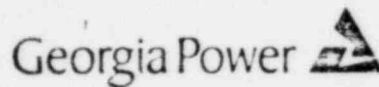
NON-SAFETY RELATED ()

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GENERAL EMERGENCY - INTERNAL SURVEY TEAM

NOTE

This procedure supercedes HNP-4703 Rev: 4 dated 5-13-78.

A. CONDITION

Events are in process or have occurred which involve actual or imminent substantial core degradation or melting with potential for loss of containment integrity. Release can be reasonably expected to exceed PAG exposure levels offsite for more than the immediate site area.

B. REFERENCE

HNP-4720

NOTE

This action is to be taken by the H.P. Supervisor, and technicians whenever possible, or by other trained personnel.

1. Obtain the following equipment from the emergency kit or from the HP Office:

- High Range Survey Meter
- High Range Dosimeter
- GM Survey Instrument and Wipes
- MSA Air Pack SCBA
- Protective Clothing
- Air Sampler

2. Turn instruments on and allow them to warm up.
3. Don the protective clothing and the SCBA.

Proceed toward area where the emergency exists making a survey as you go.

- a. If any of the following readings are observed, retreat immediately and notify the control room:

Beta, Gamma - any reading above 5 R/hr.


Contamination - 10,000 cpm above background on a wipe.

REFERENCE

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4. Take samples with an air sampler if conditions permit.
5. Determine cause of high activity and notify control room.
6. Rope off and post areas of high air activity or radiation as conditions permit.
7. Determine habitability of Health Physics, Laboratory, and Counting Room areas. Report to Control Room.

NOTE

The primary means of communication with the control room, EDF and TSC will be through the use of the plant's telephone system. If this system should become inoperable, then the page will be the backup means of communication.

8. Assist Control Room personnel, when requested, in evaluating the extent of radioactive material released or potential for release using effluent monitor readings or other air samplers readily available, meteorological instrumentation, and procedures HNP-4850 and HNP-4851 to estimate dose rates to persons at and beyond the plant site boundary.
9. Notify Shift Foreman if conditions exist that would cause a person at or beyond the plant site boundary to receive radiation exposure at General Emergency levels or at action levels in HNP-4851.
10. Communication with the Emergency Operations Facility and/or Technical Support Center in determining extent of the activity release.
11. Document survey findings on standard health physics survey forms; present findings and present survey forms to H.P. Supervision for approval and filing.
12. Return to the O.S.C. when release by the Shift Foreman or H.P. Supervisor.

REFERENCE

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MANUAL SET