

Approval
B. B. L. L.
Date
8/4/88

Vogtle Electric Generating Plant
NUCLEAR OPERATIONS



Georgia Power

Unit COMMON

Procedure No.
18006-C
Revision No.
2
Page No.
1 of 3

MIDDLE
12 SEND OPERATOR TO
18004-C

ABNORMAL OPERATING PROCEDURE

05-86-90

FUEL HANDLING EVENT

MANUAL SET
NO. 2

PURPOSE

This procedure describes the actions to be taken during potential damage of an irradiated fuel assembly.

SYMPTOMS

- Radiation alarms in the Fuel Handling Building.
- Radiation alarms in Containment.
- Report of a damaged irradiated fuel assembly by handling personnel.
- High containment particulate, iodine, or gaseous activity.
Visual observation of the unexpected release of bubbles from an irradiated fuel assembly.
- Unexplained lowering of Spent Fuel Pool or Reactor Cavity level.

9202200373 920116
PDR ADOCK 05000424
S PDR

ACTION/EXPECTED RESPONSE

1. IF damage is associated with ongoing core alteration or fuel handling activity, THEN stop any further component movement.

RESPONSE NOT OBTAINED

1. IF damage is NOT associated with ongoing core alteration or fuel handling activity, THEN secure any suspended loads while staying clear of damage areas.

NOTE

Personnel exiting Containment should remain outside the air lock until accountability and radiological monitoring is complete.

2. Announce on the Public Address System to evacuate the applicable unit Containment and/or Fuel Handling Building as applicable.
3. Notify the Unit Shift Supervisor and Reactor Engineering of the damaged fuel assembly location.
4. Initiate 91001-C, EMERGENCY CLASSIFICATION AND IMPLEMENTING PROCEDURE.
5. Notify Security to limit access to the area of damaged fuel assembly.
6. Notify HP to survey personnel involved in the event.

ACTION/EXPECTED RESPONSERESPONSE NOT OBTAINED

7. IF the event is in the Containment, THEN on the applicable unit initiate 13125, CONTAINMENT PURGE SYSTEM to:
 - a. Shut down the Containment Purge System.
 - b. Start the Preaccess Filter Units.
8. IF the event occurred in the FHB THEN, place FHB, HVAC in post accident mode by initiating 13320, FUEL HANDLING BUILDING HVAC SYSTEM.
9. When deemed safe by HP, enter the area and inspect the damaged fuel assembly.
10. Consult the Reactor Engineering staff on methods of recovering the damaged fuel assembly.
11. Direct the Reactor Engineering staff to evaluate the extent of damage.
12. IF Spent Fuel Pool or Reactor Cavity level lowering unexplainably THEN go to 18030-C, LOSS OF SPENT FUEL POOL LEVEL OR COOLING AND 18004-C, REACTOR COOLANT SYSTEM LEAKAGE.

END OF PROCEDURE TEXT