

*Gus* *55*  
**PRELIMINARY NOTIFICATION**

February 4, 1977

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-77-22**

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Georgia Power Company  
Hatch Unit 1 (D/N 50-321)

Subject: INADVERTENT BLOWDOWN

At 12:01 a.m. EST, on February 4, 1977 during power operation, two Target Rock safety/relief valves opened and did not recseat until the pressure decreased to 100 psig at 2:00 a.m.

The reactor was manually scrammed at 12:13 a.m. when the core temperature had increased to 110 degrees F. Core cooling was initiated prior to the scram and the core temperature reached 150 degrees F. The reactor is being placed in cold shutdown until analysis and repairs are completed.

This is the third blowdown in the past month due to inadvertent operation of safety/relief (S/R) valves. The licensee plans to remove and send nine of the eleven S/R pilot valves to Wyle Lab for inspection and repairs as needed. Two other pilot valves have already been inspected. Reactor restart is not expected before February 9, 1977.

A press release is not planned by the licensee. NRC, Region II, (Atlanta) received notification of this occurrence by telephone from the IE:II inspector on-site at 9:05 a.m. EST on February 4, 1977.

Contact: GCOwner, IE #27261 GWRoy, IE #27261 Director, IE #27341

Distribution:

Chairman Rowden  
Commissioner Gillsky

Commissioner Kennedy  
C. G. Kanner, CI

S. J. Chubb, NRC  
G. F. Murphy, JCOB

L. V. Conrick, EDO  
S. H. Isaacson, EDO  
B. C. Inchoe, NRE

K. A. Chapman, NRE  
E. Volgren, OVE  
R. A. Chapin, PIO

F. C. Ryan, OEP  
J. A. Martin, PA  
T. J. McIlveran, CIA

Transmitted: PNOd3 *10* : H St. \_\_\_\_\_; INFO \_\_\_\_\_; Info \_\_\_\_\_

**PRELIMINARY NOTIFICATION**

8604010101 860114  
PDR FOIA  
FIREST085-665 PDR