

yellow

JUN 19 1984

Georgia Power Company  
ATTN: Mr. R. J. Kelly  
Executive Vice President  
P. O. Box 4545  
Atlanta, GA 30302

Gentlemen:

SUBJECT: VENT HEADER CRACK AT EDWIN I. HATCH UNIT 2

At the request of NRC, pieces of the Hatch Unit 2 cracked vent header pipe were supplied to Brookhaven National Laboratory for metallurgical failure analysis.

The enclosed report (BNL-NUREG-34709) is provided for your information. The report supports your conclusion that the failure was a brittle failure probably caused by impingement of torus inerting nitrogen on the vent header.

We appreciate your cooperation in furnishing us pieces of the material for analysis.

ISI

Hugh C. Dance, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

Enclosure:  
BNL-NUREG-34709

cc w/encl:  
J. T. Beckham, Vice President and  
General Manager-Nuclear Operation  
H. C. Nix, Site General Manager  
P. E. Fornel, Site QA Supervisor

bcc w/encl:  
- Document Control Desk  
NRC Resident Inspector  
Hugh S. Jordan, Executive Secretary  
- State of Georgia

RII  
BCrowley:bh  
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JBlake  
6/19/84

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ARHerdt  
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HCDance  
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