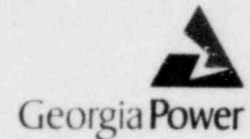


Georgia Power Company  
Post Office Box 439  
Baxley, Georgia 31513  
Telephone 912 367-7781  
912 537-9444



Edwin I. Hatch Nuclear Plant


June 1, 1984  
GM-84-470

PLANT E. I. HATCH  
Special Report  
Docket No. 50-321

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II  
Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

ATTENTION: Mr. James P. O'Reilly

Attached is Special Report No. 50-321/1984-006. This report is required by Hatch Unit 1 Technical Specifications Section 3.13.2, ACTION b.1 and Hatch Unit 2 Technical Specifications Section 3.7.6.1, ACTION b.2.c.

  
H. C. Nix  
General Manager

HCN/SBT/djs

xc: R. J. Kelly  
G. F. Head  
J. T. Beckham, Jr.  
P. D. Rice  
K. M. Gillespie  
S. B. Tipps  
R. D. Baker  
Control Room  
Document Control

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Special Report 50-321/1984-006

LICENSEE : GEORGIA POWER COMPANY  
FACILITY NAME : EDWIN I. HATCH  
DOCKET NUMBER : 50-321

On May 21, 1984, at approximately 0945 CDT, with Unit 1 in steady-state operation at 2434 MWT (approximately 100% power) and Unit 2 in a recirculation pipe replacement outage, the level in both fire water storage tanks dropped to approximately 265,000 gallons each.

While personnel were performing maintenance on a deluge valve just outside of the valve house on the north end of "B" Cooling Tower on Unit 1, they accidentally activated a deluge valve which started spraying down the cooling tower. This pressure drop on fire water system automatically started the electric fire pump and one diesel fire pump which maintained fire water pressure at approximately 100 PSIG. After personnel reset the activated deluge valve, they reported that fire water tank level had dropped to approximately 265,000 gallons in each tank. Thus, the 270,000 gallons requirement of Unit 1 Tech. Specs. section 3.13.2.b and Unit 2 Tech. Specs. section 3.7.6.1.b was exceeded before the deluge valve could be reset.

The cause of this event was personnel accidentally activating a deluge valve. Personnel investigating this event found the deluge valve which was activated, reset it, and restored fire water storage tank levels to within Tech. Specs. limits in approximately 10 minutes.