



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 22, 1993

Docket Nos. 50-321, 50-366
50-424, and
50-425

Mr. W. G. Hairston, III
Senior Vice President -
Nuclear Operations
Georgia Power Company
P. O. Box 1295
Birmingham, Alabama 35201

Dear Mr. Hairston:

SUBJECT: HUMAN PERFORMANCE IN OPERATING EVENTS

We want to bring to your attention a report which may be of value during reviews or modifications of human factor programs. A copy of this report, NUREG-1275, Volume 8, "Operating Experience Feedback Report -- Human Performance in Operating Events," is enclosed for your information.

The report is a summary of the results of an NRC program begun in 1990 to conduct onsite studies of operating events in which human performance was a significant contributor to the course of the event. The staff conducted the program to find those factors that either contributed to or hindered good operator performance during the events. During the program, the staff visited 16 sites for study. Before publishing the NUREG report, the staff issued the information to utilities and other interested industry groups for comment.

In the report, the NRC compiled experience with control room staffing and organization, the "dual role" of the shift technical advisor, use of shift resources, operator control of engineered safety features, the effect of simulator training, operator teamwork, task awareness, use of procedures, human/machine interface, and the results of reviewing operator performance after an event. The report contains useful insights on how operating crews perform during actual events.

NRC FILE CENTER COPY

9302260031 930222
PDR ADOCK 05000321
P PDR

LEO1
1/0

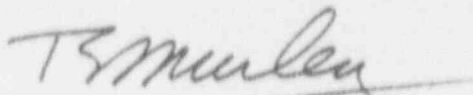
Mr. W. G. Hairston

- 2 -

February 22, 1993

This study contains no requirements or requests for action and is intended for your information and use as you find appropriate. We recognize that the interaction among procedures, training, and organizational factors is complex such that there is no single solution for all plants.

Sincerely,



Thomas E. Murley, Director
Office of Nuclear Reactor Regulation



Edward L. Jordan, Director
Office for Analysis and Evaluation
of Operational Data

Enclosure:
NUREG-1275

cc w/o enclosure:
See next page

Georgia Power Company

Edwin I. Hatch Nuclear Plant
Vogtle Electric Generating Plant

CC:

Mr. Ernest L. Blake, Jr.
Shaw, Pittman, Potts and Trowbridge
2300 N Street, NW.
Washington, DC 20037

Mr. J. T. Beckham
Vice President - Plant Hatch
Georgia Power Company
P. O. Box 1295
Birmingham, Alabama 35201

Mr. S. J. Bethay
Manager Licensing - Hatch
Georgia Power Company
P. O. Box 1295
Birmingham, Alabama 35201

Mr. L. Sumner
General Manager, Nuclear Plant
Georgia Power Company
Route 1, Box 439
Baxley, Georgia 31513

Resident Inspector
U. S. Nuclear Regulatory Commission
Route 1, Box 725
Baxley, Georgia 31513

Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Charles H. Badger
Office of Planning and Budget
Room 610
270 Washington Street, SW.
Atlanta, Georgia 30334

Harold Reheis, Director
Department of Natural Resources
205 Butler Street, SE., Suite 1252
Atlanta, Georgia 30334

Chairman
Appling County Commissioners
County Courthouse
Baxley, Georgia 31513

Mr. R. P. McDonald
Executive Vice President -
Nuclear Operations
Georgia Power Company
P. O. Box 1295
Birmingham, Alabama 35201

Mr. Alan R. Herdt, Chief
Project Branch #3
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Dan H. Smith, Vice President
Power Supply Operations
Oglethorpe Power Corporation
2100 East Exchange Place
Turkey, Georgia 30085-1349

Charles A. Patrizia, Esquire
Paul, Hastings Janofsky & Walker
12th Floor
1050 Connecticut Avenue, NW.
Washington, DC 20036

Georgia Power Company

Edwin I. Hatch Nuclear Plant
Vogtle Generating Plant

cc:

Mr. J. A. Bailey
Manager - Licensing
Georgia Power Company
P. O. Box 1295
Birmingham, Ala. 35201

Office of the County Commissioner
Burke County Commission
Waynesboro, Georgia 30830

Mr. W. B. Shipman
General Manager, Vogtle Electric
Generating Plant
P. O. Box 1600
Waynesboro, Georgia 30830

Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 572
Waynesboro, Georgia 30830

Office of Planning and budget
Room 615B
270 Washington Street, SW.
Atlanta, Georgia 30334

Mr. C. K. McCoy
Vice President - Nuclear
Vogtle Project
Georgia Power Company
P. O. Box 1295
Birmingham, Alabama 35201

Attorney General
Law Department
132 Judicial Building
Atlanta, Georgia 30334

Art Domby, Esquire
Troutman, Sanders
NationsBank Plaza
Suite 5200
600 Peachtree Street
Atlanta, Georgia 30308-2210

Mr. W. G. Hairston

- 2 -

February 22, 1993

This study contains no requirements or requests for action and is intended for your information and use as you find appropriate. We recognize that the interaction among procedures, training, and organizational factors is complex such that there is no single solution for all plants.

Sincerely,

Original Signed By

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

Original Signed by:
E. L. Jordan

Edward L. Jordan, Director
Office for Analysis and Evaluation
of Operational Data

Enclosure:
NUREG-1275

cc w/o enclosure:
See next page

DISTRIBUTION: (w/o enclosure)

Docket File
NRC/Local PDRs
PDII-3 Reading
Hatch Reading
Vogtle Reading
S. Varga
G. Lainas
D. Matthews
K. Jabbour
D. Hood
L. Berry
OGC
J. Birmingham
ACRS (10)
E. Jordan, AEOD
E. Merschoff, RII, DRP

OFFICE	PDII-3	PDII-3/PM	PDII-3/PM	PDII-3/D	PDII-3/DR	D:AEOD
NAME	L. Berry	K. Jabbour	D. Hood	D. Matthews	T. Murley	E. Jordan
DATE	2/5/93	2/5/93	2/5/93	2/5/93	2/19/93	2/17/93

OFFICIAL RECORD COPY
FILE NAME:G:\GPCUTIL.LTR