



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

February 22, 1993

Docket Nos. 50-250, 50-251
and 50-335, 50-389

Mr. J. H. Goldberg
President - Nuclear Division
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

Dear Mr. Goldberg:

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.

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Mr. Goldberg

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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:
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S. Varga
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OGC
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E. Jordan, AEOD
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NAME	ETana <i>ETT</i>	HBerkow <i>HBerkow</i>	TMurley	EJordan
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Florida Power and Light Company

cc:

Jack Shreve, Public Counsel
Office of the Public Counsel
c/o The Florida Legislature
111 West Madison Avenue, Room 812
Tallahassee, Florida 32399-1400

Senior Resident Inspector
St. Lucie Plant
U.S. Nuclear Regulatory Commission
7585 S. Hwy A1A
Jensen Beach, Florida 33457

Mr. Robert G. Nave, Director
Emergency Management
Department of Community Affairs
2740 Centerview Drive
Tallahassee, Florida 32399-2100

Harold F. Reis, Esq.
Newman & Holtzinger
1615 L Street, N.W.
Washington, DC 20036

John T. Butler, Esq.
Steel, Hector and Davis
4000 Southeast Financial Center
Miami, Florida 33131-2398

Administrator
Department of Environmental Regulation
Power Plant Siting Section
State of Florida
2600 Blair Stone Road
Tallahassee, Florida 32301

Mr. James V. Chisolm, County
Administrator
St. Lucie County
2300 Virginia Avenue
Fort Pierce, Florida 34982

Mr. Charles B. Brinkman, Manager
Washington Nuclear Operations
ABB Combustion Engineering, Nuclear Power
12300 Twinbrook Parkway, Suite 330
Rockville, Maryland 20852

Plant Manager
Turkey Point Nuclear Plant
Florida Power and Light Company
P.O. Box 029100
Miami, Florida 33102

Mr. Jacob Daniel Nash
Office of Radiation Control
Department of Health and
Rehabilitative Services
1317 Winewood Blvd.
Tallahassee, Florida 32399-0700

Regional Administrator, RII
U.S. Nuclear Regulatory Commission
101 Marietta Street N.W., Suite 2900
Atlanta, Georgia 30323

Mr. R. E. Grazio
Director, Nuclear Licensing
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

Mr. J. H. Goldberg
President - Nuclear Division
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

Harold F. Reis, Esq.
Newman and Holtzinger, P.C.
1615 L Street, N.W.
Washington, DC 20036

Mr. Thomas F. Plunkett, Site
Vice President
Turkey Point Nuclear Plant
Florida Power and Light Company
P.O. Box 029100
Miami, Florida 33102

Senior Resident Inspector
Turkey Point Nuclear Generating
Station
U.S. Nuclear Regulatory Commission
P.O. Box 1448
Homestead, Florida 33090

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, Florida 32304

Joaquin Avino, Cty. Manager of
Metro. Dade County
111 NW 1st Street, 29th Floor
Miami, Florida 33128