



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

February 22, 1993

Docket No. 50-244

Dr. Robert C. Mecredy
Vice President, Nuclear Production
Rochester Gas and Electric Corporation
89 East Avenue
Rochester, New York 14649

Dear Dr. Mecredy:

SUBJECT: HUMAN PERFORMANCE IN OPERATING EVENTS - R. E. GINNA NUCLEAR POWER PLANT

We want to bring to your attention a report which may be of value during reviews or modifications of human factors 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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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

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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Dr. Robert C. Mecredy

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Dr. Robert C. Mecredy

R.E. Ginna Nuclear Power Plant

cc:

Thomas A. Moslak, Senior Resident Inspector
R.E. Ginna Plant
U.S. Nuclear Regulatory Commission
1503 Lake Road
Ontario, New York 14519

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Ms. Donna Ross
Division of Policy Analysis & Planning
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Charlie Donaldson, Esq.
Assistant Attorney General
New York Department of Law
120 Broadway
New York, New York 10271

Nicholas S. Reynolds
Winston & Strawn
1400 L St. N.W.
Washington, DC 20005-3502

Ms. Thelma Wideman
Director, Wayne County Emergency
Management Office
Wayne County Emergency Operations Center
7370 Route 31
Lyons, New York 14489

Ms. Mary Louise Meisenzahl
Administrator, Monroe County
Office of Emergency Preparedness
111 West Fall Road, Room 11
Rochester, New York 14620

