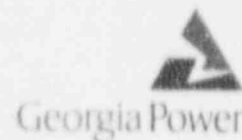


Georgia Power Company  
40 Inverness Center Parkway  
Post Office Box 1296  
Birmingham, Alabama 35201  
Telephone 205 877 7122

C. K. McCoy  
Vice President, Nuclear  
Vogtle Project



PROGRESS THROUGH EXCELLENCE

October 22, 1991

ELV-03163  
1154

Docket Nos. 50-424  
50-425

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT  
EMERGENCY RESPONSE DATA SYSTEM  
IMPLEMENTATION PLAN

This letter provides the implementation plan for the Emergency Response Data System (ERDS) program as described in NUREG-1394 Revision 1 and the August 13, 1991 publication of the Final Rule in the Federal Register.

This system will provide a direct, near-real-time electronic data link between the Vogtle Electric Generating Plant onsite computer system and the NRC Operations Center. This electronic link will provide for the transmission of a limited set of selected parameters which will be used to supplement the existing Emergency Notification System (ENS).

The Vogtle Electric Generating Plant will comply with the initial requirement for quarterly testing of ERDS as stated in the Federal Register ERDS Final Rule publication Appendix E to Part 50, Section VI.1, realizing this requirement can be relaxed after 1 year of successful testing. Furthermore, existing Emergency Plan procedures will be modified to include requirements that ERDS be activated within 1 hour after the declaration of an ALERT or higher emergency classification level. Additional NRC requirements will be met by revising specific plant procedures to ensure that the NRC is made aware of proposed ERDS hardware and software changes affecting transmission format and communication protocol at least 30 days prior to the modification. Also, any changes which affect the transmitted data points identified in the ERDS Data Point Library (DPL) will be provided to the NRC within 30 days after the modifications are completed.

All NRC-required plant parameters will be transmitted from the existing Emergency Response Facility (ERF) computers to onsite personal computer (PC)-based workstations (one PC per unit). These workstations will be located in the Technical Support Center computer room and will be capable of providing data to the NRC Operations Center via separate telephone lines.

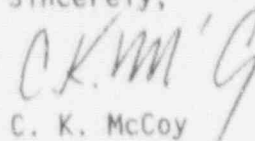
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U. S. Nuclear Regulatory Commission  
ELV-03163  
Page 2

The schedule for implementation of the ERDS program is shown in detail on figure 1. In order to accommodate NRC scheduling concerns, most milestone activities are graphically displayed as ranges. This will allow for flexibility during anticipated interaction with NRC staff members throughout the course of this effort. Technical contacts for specific applications are listed in attachment 1. Final completion of ERDS for VEGP is expected no later than September 11, 1992.

Sincerely,

  
C. K. McCoy

CKM/JGM/gmb

Attachments:

1. Technical Contacts
2. Implementation Schedule

xc: Georgia Power Company  
Mr. W. B. Shipman  
Mr. M. Sheibani  
NORMS

U. S. Nuclear Regulatory Commission  
Mr. S. D. Ebner, Regional Administrator  
Mr. D. S. Hood, Licensing Project Manager, NRR  
Mr. B. R. Bonser, Senior Resident Inspector, Vogtle

VOGTLE ELECTRIC GENERATING PLANT  
EMERGENCY RESPONSE DATA SYSTEM  
IMPLEMENTATION PLAN

TECHNICAL CONTACTS

A. Primary Coordinator:

James R. Bingham  
Senior Engineer  
Southern Company Services  
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(205) 877-7127

B. Computer Hardware Specialist:

David Middour  
Senior Engineer  
Southern Company Services  
270 Peachtree St. N. W.  
9th Floor  
Atlanta, GA 30302  
(404) 526-2558

C. System Software Specialist:

David B. Middour

D. Application-level Software Specialist:

David B. Middour

E. Telephone Systems Specialist:

Ty Smith  
Telecommunications Operation Manager  
Georgia Power Company  
Plant Vogtle  
P. O. Box 1600  
Waynesboro, GA 30830  
(404) 826-4200

ATTACHMENT 2

# VOGTLE ELECTRIC GENERATING PLANT EMERGENCY RESPONSE DATA SYSTEM IMPLEMENTATION SCHEDULE FIGURE 1

