



OLIVER D. KINGSLEY, JR.  
Vice President  
Nuclear Operations

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December 29, 1987

U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30323

Attention: Dr. J. Nelson Grace, Regional Administrator

Dear Dr. Grace:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29  
Annual Control Room Command  
Function Management  
Directive  
AECM-87/0133

Attached is a copy of the 1987 management directive issued to all appropriate station personnel designating control room command function and shift operating personnel duties and responsibilities as required by Grand Gulf Nuclear Station (GGNS) Technical Specification 6.1.2. A copy of the directive is submitted in accordance with the commitment contained in the GGNS Updated Final Safety Analysis Report (UFSAR), Section 13.1.1.2.1.

The directive was discussed with Mr. H. Dance and Mr. R. Butcher of your staff on December 17, 1987. Based on that discussion, System Energy Resources, Inc. intends to revise the UFSAR to delete the requirement for future annual submittals of this directive to the NRC.

If you have any questions, please contact my office.

Yours truly,

ODK:rg  
Attachment

cc: Mr. T. H. Cloninger (w/a)      Mr. R. B. McGehee (w/a)  
Mr. N. S. Reynolds (w/a)      Mr. H. L. Thomas (w/o)  
Mr. R. C. Butcher (w/a)

Mr. L. L. Kintner, Project Manager (w/a)  
Office of Nuclear Reactor Regulation  
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MEMO TO: Mr. C. R. Hutchinson  
FROM: O. D. Kingsley, Jr. *ODK*  
SUBJECT: Control Room Command Function/Shift Operating Personnel  
Duties and Responsibilities  
REF: Technical Specification 6.1.2 and UFSAR 13.1.1.2.1.3  
FILE: 0290/15180  
PMI-87/3508

#### PURPOSE

A clear delineation of the Control Room Command Function concept and duties and responsibilities of shift operating personnel requires periodic emphasis and discussion. A clear assignment of responsibility as to who is directing overall plant operation, Control Room activities, and a clear statement of duties and responsibilities of all shift personnel is paramount to proper and coordinated unit operation and operator response.

#### DISCUSSION

The person who has the Control Room Command Function is that person who, through the authority vested in him by plant directives, is responsible for and in charge of the proper direction of Control Room activities under normal and emergency conditions in accordance with approved procedures.

The Shift Superintendent is responsible for the Control Room Command Function. In the absence of the Shift Superintendent this responsibility is assumed by the Shift Supervisor after complete relief and turnover has been conducted. In modes 4 and 5 it is permissible for both the Shift Superintendent and the Shift Supervisor to be absent from the Control Room. During these times, the Control Room Operator will assume the Control Room Command Function after complete relief and turnover has been conducted.

The Shift Superintendent is responsible for overall plant management and coordination on shift. Specific duties and responsibilities include:

1. Maintaining an overall knowledge of activities at the plant and directing various groups as necessary to ensure safe, reliable, and efficient plant operations and to mitigate the consequences of off-normal and emergency events.
2. Directing all plant personnel as required to properly and efficiently operate the unit and to safely handle off-normal or emergency situations.

3. Supervising and approving the safe and proper operation of GGNS through all conditions of startup, power generation, shutdown, refueling, and emergency operations, through the Shift Supervisor, Control Room Operator, Operator at the Controls, Radwaste Shift Supervisor, and other section supervisors.

Plant Procedure 01-S-06-2, Conduct of Operations, provides that the Shift Superintendent may only be relieved of his authority by another Senior Reactor Operator by the Direction of the Operations Assistants, Operations Superintendent, Manager Plant Maintenance, Manager Plant Operations, or the GGNS General Manager.

The Shift Supervisor is responsible to the Shift Superintendent for the conduct of operations of the unit and, as such, has the responsibility and authority to direct all activities and personnel during normal operations and emergencies as necessary to:

1. Protect the health and safety of public and the environment.
2. Protect the health and safety of employees, contractors or other personnel in their unit.
3. Prevent damage to their unit equipment and structures.
4. Ensure compliance with the unit operating license.

The Shift Supervisor has the responsibility to maintain an overall view of unit operations. He should not become totally involved in any single plant operation during times of an emergency or when multiple operations are required.

The Control Room Operator is responsible to the Shift Superintendent for the proper, safe, and efficient operation of the unit. Specific duties and responsibilities include:

1. Acting as Controller for Protective tagging
2. Maintaining the Control Room Operator's Log Book
3. Coordinating activities on the unit as directed by the Shift Superintendent
4. He may also relieve the Operator-at-the-Controls when only one Reactor Operator is required in the Control Room.

The Operator-at-the-Controls is responsible for all operations within the Control Area. Specific duties and responsibilities include:

1. Staying alert and giving attention to the condition of the plant, primarily monitoring important parameters such as reactor water level, power level, pressure, condensate/feedwater operation, turbine/generator operation.

2. Being capable of taking action to prevent any progress towards a condition that might be unsafe.
3. Having an unobstructed view of, and access to, the main control panels.
4. Properly responding to abnormal indications or conditions within the control area.
5. Controlling access into the Control Area.

The roving NOA is responsible to the Shift Superintendent for the following:

1. Assisting the Operator-at-the-Controls in the manipulation of Control Room controls under the direction of the Shift Superintendent. He may also relieve the Operator-at-the-Controls.
2. Assisting the Control Room Operator in the preparation and implementation of protective tagging.
3. Serving as Fire Brigade Leader.
4. Taking Control Room rounds and evaluating trends and other potential problem areas.
5. Assisting outside the Control Room in special evolutions, and problem areas, as designated by the Shift Superintendent.
6. Emergency Plant Notification (when available).

Nuclear Operator B's are assigned as the Building Operators and are responsible to the Shift Superintendent for the operation, testing, and knowledge of the status of the equipment and systems in their area or building. Specific duties and responsibilities include:

1. Operating all unit equipment that is not normally operated from the Control Room and maintaining cognizance of equipment status in his area of responsibility.
2. Participating as a member of the Fire Brigade or other emergency personnel as directed by the Shift Superintendent
3. Ensuring that operations directed by the Control Room Operator or Shift Superintendent are accomplished in a safe manner and in accordance with approved operating and/or test procedures.

Auxiliary Operators are assigned to Building Operators by the Shift Superintendent to assist operations under the direction of the Building Operator. Specific duties and responsibilities include:

1. Properly operating plant equipment for which he is qualified as directed by the Building Operator.
2. Performing as Emergency or Fire Brigade personnel, when necessary.
3. Taking data or otherwise monitoring equipment performance indicators as directed.

The Radwaste Shift Supervisor is responsible to the Shift Superintendent for the proper and timely operation of all radwaste systems to ensure that plant operations is not underly affected and to ensure radioactive waste is properly handled.

Radwaste Operators are responsible to the Radwaste Shift Supervisor for the safe, efficient operation of systems associated with Radioactive Waste Treatment.

#### ACTION

1. The Grand Gulf Nuclear Station General Manager shall issue a copy of this directive to all appropriate station employees and emphasize to these employees that activities at Grand Gulf Nuclear Station shall conform with the intent of this direction. He shall insure that the Shift Superintendent's authority, responsibility, and the Control Room Command Function are procedurally addressed.
2. This policy shall be reviewed and reissued annually.

ODK:js  
5/18/87

cc: Mr. J. E. Cross  
Mr. S. M. Feith  
Mr. J. G. Cesare  
File (NS)  
Central File [4]