



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

May 26, 1982

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File: 0260/0862
Revisions to FSAR Section 12.5
AECM-82/219

Attached are responses or clarifications pertaining to issues discussed in the Grand Gulf Nuclear Station Final Safety Analysis Report (FSAR). The attachments address revisions to FSAR Section 12.5.

Regarding revisions to the Grand Gulf FSAR, the last FSAR amendment scheduled prior to the projected fuel load has been submitted (Amendment 55, 4/19/82). Thus, the incorporation of any proposed FSAR revisions, as discussed in the attachments, will be made pending agreement between MP&L and NRC Project Management on the appropriate procedures required for post-operating license FSAR amendments.

If additional information is required, please advise.

Yours truly,

L. F. Dale
Manager of Nuclear Services

JHS/JGC/JDR:rg

Attachments

cc: See next page

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MISSISSIPPI POWER & LIGHT COMPANY

cc: Mr. N. L. Stampley (w/o)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/o)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator (w/a)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 3100
Atlanta, Georgia 30303

The minimum requirements for the equivalent to a science or engineering degree are:

- a. Completion of a minimum of two years' credit in a science or engineering curriculum
- b. A minimum of one year experience in a supervisory, management, or engineering position related to applied radiation protection for each year less than four of science or engineering credit.

The State Health Physicist assists and reports to the Radiation Control Supervisor. He prepares reports, performs shielding calculations for high radiation work, assists in ALARA personnel exposure reduction and accountability programs, and performs special assignments as directed.

The Health Physics Supervisor reports to the Radiation Control Supervisor. He is responsible for the direction of the daily operation of the health physics program at GGNS and supervises the health physics technicians.

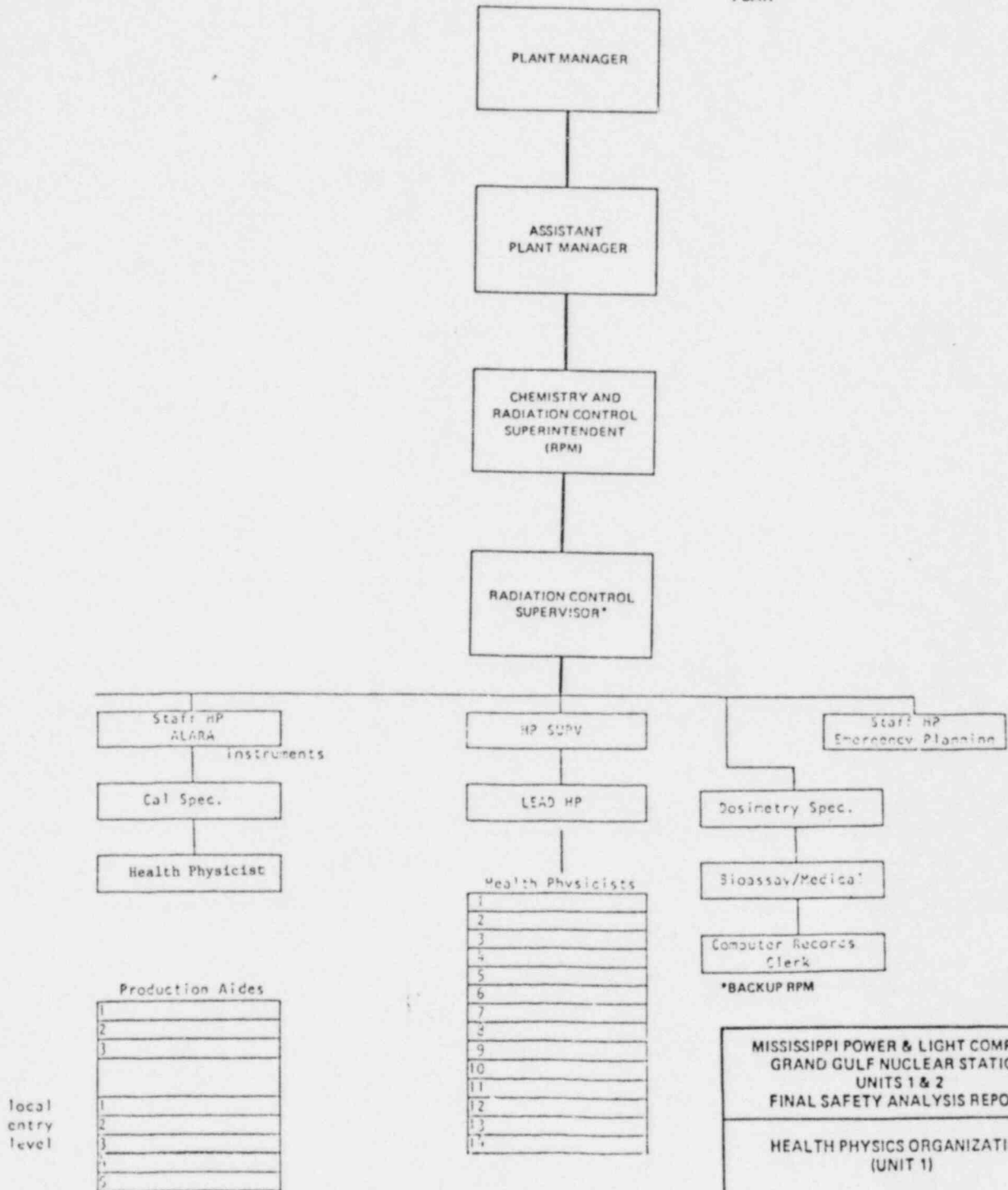
The 19 health physicists implement the health physics program by performing routine and special surveys in accordance with plant radiation protection instructions. This level of staffing will provide adequate radiation protection coverage for plant personnel despite sickness, vacation, or employee attrition.

Radiation monitoring and control practices will be such that resultant radiation exposures and releases of radioactive materials in effluents to unrestricted areas are maintained as low as reasonably achievable. Records of surveys, radiation monitoring, and radioactive waste disposal will be maintained in accordance with the requirements of 10 CFR 20.

12.5.1.2 Program Objectives

The objectives of the health physics program are:

- a. To provide administrative control of persons on the site to ensure that personnel exposure to radiation and radioactive materials is within the guidelines of 10 CFR 20 and that such exposure is kept ALARA.
- b. To provide administrative control over station effluent releases, and to ensure that these releases are below 10 CFR 20 values, do not exceed the value given in the station environmental technical specifications, and are ALARA.
- c. To ensure that radioactive effluent releases and waste shipments meet guidelines established in plant procedures and instructions.



Local entry level

MISSISSIPPI POWER & LIGHT COMPANY
GRAND GULF NUCLEAR STATION
UNITS 1 & 2
FINAL SAFETY ANALYSIS REPORT

HEALTH PHYSICS ORGANIZATION
(UNIT 1)

FIGURE 12.5-1
Amendment 57