SEP 28 1972

Docket No. 50-280

Virginia Electric and Power Company
ATTN: Mr. Stanley Ragone
Vice President
P. O. Box 1194
Richmond, Virginia 23209

Change No. 2
License No. DPR-32

Gentlemen:

Your letter dated August 30, 1972, requested the following changes in the Technical Specifications for Facility Operating License No. DPR-32 for the Surry Power Station, Unit 1.

1. Change Technical Specification 6.1, Figure 6.1-1, dated 3/17/72, "Power Production Department Organization Chart" to include the position of Director - Power Station Construction.

2. Add the following sentence after the first sentence of Technical Specification 6.6A: "The due date of the first report shall be determined from the date of initial criticality and shall cover the period from the date the operating license was issued to the end of the report period."

3. Change the first sentence in Technical Specification 4.13A.2 to read: "Temperature shall be continously monitored and recorded at monitoring stations located throughout the estuarine segment approximately as shown in TS Figure 4.13-1."

4. Change the second sentence in Technical Specification 4.13C to read: "Where installation of monitoring stations and/or purchase of equipment is necessary and/or involves authorization by other agencies, the affected portion of the program shall be implemented at the earliest practicable time but not later than December 31, 1972.

We have reviewed the proposed changes in the organizational structure of the "Power Production Department" as shown in the revised TS Figure 6.1-1 and the proposed clarification of the reporting requirements. We have also evaluated the use of the sub-surface floatation buoy monitoring station in place of the instrument towers and the effect that approximately one month extention, in which the equipment must be operable, will have

on the safe operation of the Surry Power Station, Unit 1. On the basis of these reviews we have determined that the proposed changes in the organizational structure, the reporting requirements, and in environmental monitoring are acceptable and that the reactor can be operated safely as proposed.

We have concluded that the proposed changes do not involve significant hazard considerations not described or implicit in the Final Facility Description and Safety Analysis Report and there is reasonable assurance that the health and safety of the public will not be endangered.

Accordingly, pursuant to Section 50.59 of 10 CFR Part 50, the Technical Specification changes outlined in your letter dated August 30, 1972 are hereby authorized. To effect these changes, replace pages TS 6.1-1, TS Fig. 6.1-1, TS 6.6-1, TS 4.13-1 and TS 4.13-5 of the Technical Specifications of Facility Operating License No. DPR-32 with the revised pages (designated as Change 2 on the bottom of the page) TS 6.1-1, TS Fig. 6.6-1, TS 6.6-1, TS 4.13-1 and TS 4.13-5 enclosed.

Sincerely,

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing

Enclosure:
Revised Pages
(TS 6.1-1, TS Fig. 6.1-1, TS 6.6-1, TS 4.13-1 and TS 4.13-5)

cc: George D. Gibson, Esq.
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and Gibson
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Richmond, Virginia 23213

bcc: H. Mueller, GMR/H
J. R. Buchanan, ORNL
T. W. Laughlin, DTIE
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## 4.13 NONRADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

### Applicability

The nonradiological environmental monitoring program applies to the monitoring of the temperature-salinity distribution and the biological variables in the 10-mile segment of the James River Estuary centered at Hog Island.

### Objective

The objective of the program is to determine (1) the relationship between the thermal discharge and the physical-chemical characteristics of the water mass within the 10-mile tidal segment of the James River; (2) the planktonic, nektonic, and benthic characteristics of this segment; and (3) the effects of the operation of the Surry Power Station on the physical, chemical, and biological variables of the James River Estuary.

### Specification

A. A monitoring program shall be conducted to determine the relationship between the thermal discharge and the physical-chemical characteristics of the water mass within the 10-mile tidal segment centered at Hog Island.

1. The monitoring program shall encompass the segment of the James River Estuary which extends from below the intake of the Surry Power Station upstream to the southern shore of Jamestown Island as shown on TS Figure 4.13-1.
2. Temperature shall be continuously monitored and recorded at monitoring stations located throughout the estuarine segment approximately as shown in TS Figure 4.13-1. Near-surface and/or bottom temperatures shall be monitored as indicated on TS Figure 4.13-1.

life history distribution information that indicates when species of special interest are likely to be in or passing through this segment of the estuary. The species of special interest shall include Anchovy, Atlantic Menhaden, Blueback Herring, Channel Catfish, Atlantic Croaker, Spot, Striped Bass, and White Perch. The samples shall be analyzed for species composition, size, and life history stages.

C. The programs described in Specifications A and B shall commence on the day Unit No. 1 is licensed to operate. Where installation of monitoring stations and/or purchase of equipment is necessary and/or involves authorization by other agencies, the affected portion of the program shall be implemented at the earliest practicable time, but not later than December 31, 1972.

D. The data obtained from the programs defined in Specifications A and B shall be analyzed as they are collected and shall be compared with model and analytical predictions and with preoperational data. A report of the results of this evaluation shall be forwarded to the Directorate of Licensing (DL) at the end of each six month period or fraction thereof terminating on June 30 and December 31. Such reports are due within 60 days after the end of each reporting period and shall be submitted with the Routine Operating Report described in Technical Specification 6.6. A final report summarizing the results of the program shall be submitted sixty (60) days following the third anniversary of the date Unit No. 2 is licensed to operate. If on the basis of such semi-annual and final reports it is established that no major adverse environmental impact

# 6.0 ADMINISTRATIVE CONTROLS

## 6.1 ORGANIZATION, SAFETY AND OPERATION REVIEW

Specification

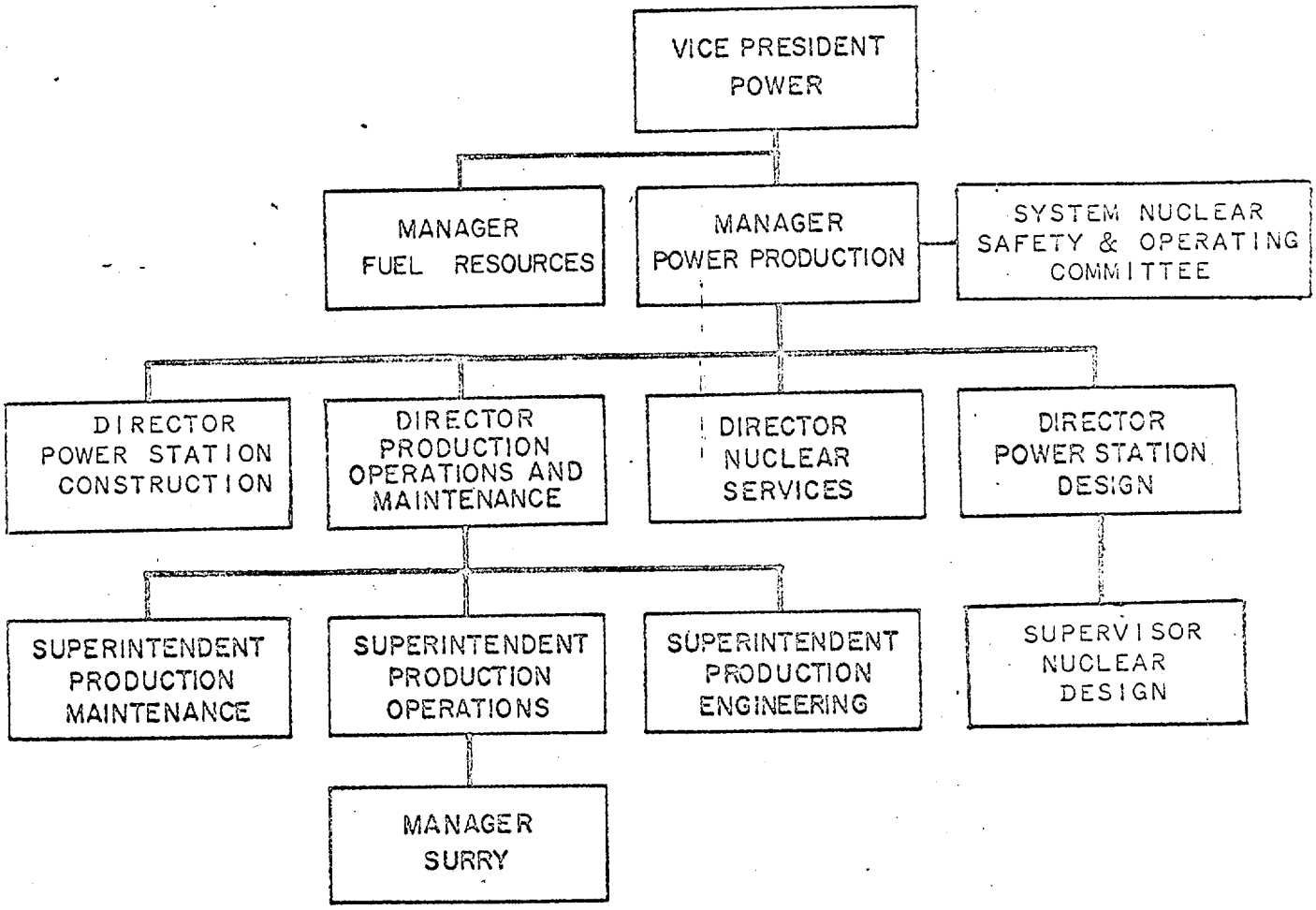
A. The Station Manager shall be responsible for the safe operation of the facility. The Station Manager shall report to the Superintendent-Production Operations. The relationship between this supervisor and other levels of company management is shown in TS Figure 6.1-1 Change 2. 2

B. The station organization shall conform to the chart as shown in TS Figure 6.1-2.

1. Qualifications with regard to education and experience and the technical specialties of key supervisory personnel will meet the minimum acceptable levels described in ANSI N18.1 "Selection and Training of Nuclear Power Plant Personnel," dated March 8, 1971. The key supervisory personnel are as follows:

   a) Manager
   b) Superintendent-Station Operations
   c) Operating Supervisor
   d) Supervisor-Electrical Maintenance
   e) Supervisor-Mechanical Maintenance
   f) Supervisor-Engineering Services
   g) Chemistry and Health Physics Supervisor
   h) Shift Supervisor

# POWER PRODUCTION DEPARTMENT
## ORGANIZATION CHART
### VIRGINIA ELECTRIC AND POWER COMPANY



## 6.6 STATION REPORTING REQUIREMENTS

Specification

A. Routine Operating Reports - A routine operating report shall be submitted in writing to the Director, Directorate of Licensing, U. S. Atomic Energy Commission, Washington, D. C. 20545 at the end of each six month period or fraction thereof terminating on June 30 and December 31. The due date of the first report shall be determined from the date of initial criticality and shall cover the period from the date the operating license was issued to the end of the report period. Such reports are due within 60 days after the end of each reporting period. The following information, summarized on a semi-annual basis, except as noted, shall be provided:

1. Operations Summary

   A summary of operating experience occurring during the reporting period that relates to the safe operation of the facility, including a summary of:

   a. changes in facility design,
   b. performance characteristics (e.g., equipment and fuel performance)
   c. changes in procedures which were necessitated by (a) and (b) or which otherwise were required to improve the safety of operations
   d. results of surveillance tests and inspections required by the licensee's technical specifications,
   e. the results of any periodic containment leak rate tests performed during the reporting period,
   f. a brief summary of those changes, tests and experients requiring authorization from the Commission pursuant to 10 CFR 50.59(a), and