

March 7, 1988

Docket No.: STN 50-528, 50-529  
and STN 50-530

Mr. E. E. Van Brunt, Jr.  
Executive Vice President  
Arizona Nuclear Power Project  
Post Office Box 52034  
Phoenix, Arizona 85072-2034

Dear Mr. Van Brunt:

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SUBJECT: ISSUANCE OF AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE  
NO. NPF-41, AMENDMENT NO. 16 TO FACILITY OPERATING LICENSE  
NO. NPF-51, AND AMENDMENT NO. 4 TO FACILITY OPERATING LICENSE  
NO. NPF-74, FOR THE PALO VERDE NUCLEAR GENERATING STATION, UNITS  
1, 2 AND 3, RESPECTIVELY, (TAC NOS. 66798, 66799 AND 66800)

The Commission has issued the subject Amendments, which are enclosed, to the Facility Operating Licenses for Palo Verde Nuclear Generating Station, Units 1, 2 and 3. The Amendments consist of changes to the Technical Specifications (Appendix A to the license) in response to your application transmitted by letter dated December 4, 1987.

The Amendments revise Section 6 of the Technical Specifications for each of the three Palo Verde Units to incorporate changes reflecting a revised organizational structure for the Palo Verde plant.

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

/s/

M. J. Davis, Project Manager  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

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PDR ADDCK 05000528  
PDR  
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Enclosures:

1. Amendment No. 29 to NPF-41
2. Amendment No. 16 to NPF-51
3. Amendment No. 4 to NPF-74
4. Safety Evaluation

cc: See next page

DRSP/PDV *MJD*  
MJDavis:dr  
2/19/88

DRSP/PDV *EAL*  
EALicitra  
2/22/88

DRSP/PDV  
JLee  
2/23/88

OGC *Woodhead*  
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DRSP/D,PDV  
G.M. Lighton  
3/17/88

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Mr. E. E. Van Brunt, Jr.  
Arizona Nuclear Power Project

Palo Verde

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

ARIZONA PUBLIC SERVICE COMPANY, ET AL.

DOCKET NO. STN 50-528

PALO VERDE NUCLEAR GENERATING STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 29  
License No. NPF-41

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment, dated December 4, 1987, by the Arizona Public Service Company (APS) on behalf of itself and the Salt River Project Agricultural Improvement and Power District, El Paso Electric Company, Southern California Edison Company, Public Service Company of New Mexico, Los Angeles Department of Water and Power, and Southern California Public Power Authority (licensees), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-41 is hereby amended to read as follows:

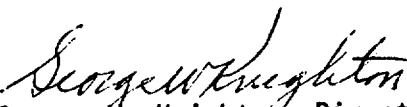
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P PDR

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 29, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated into this license. APS shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
George M. Knighton, Director  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
Changes to the Technical  
Specifications

Date of Issuance: March 7, 1988

March 7, 1988

ENCLOSURE TO LICENSE AMENDMENT

AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE NO. NPF-41

DOCKET NO. STN 50-528

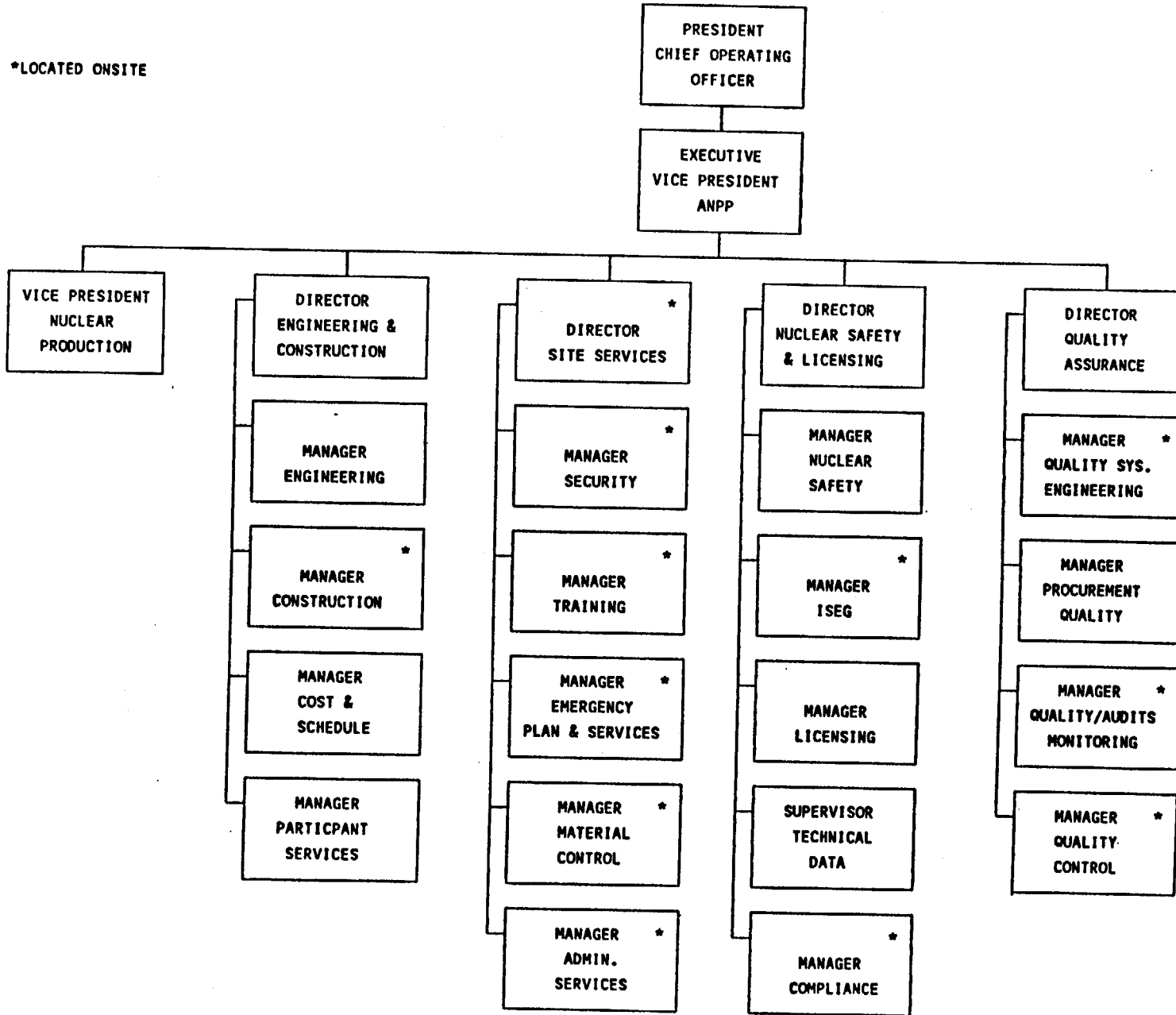
Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

Amendment Pages

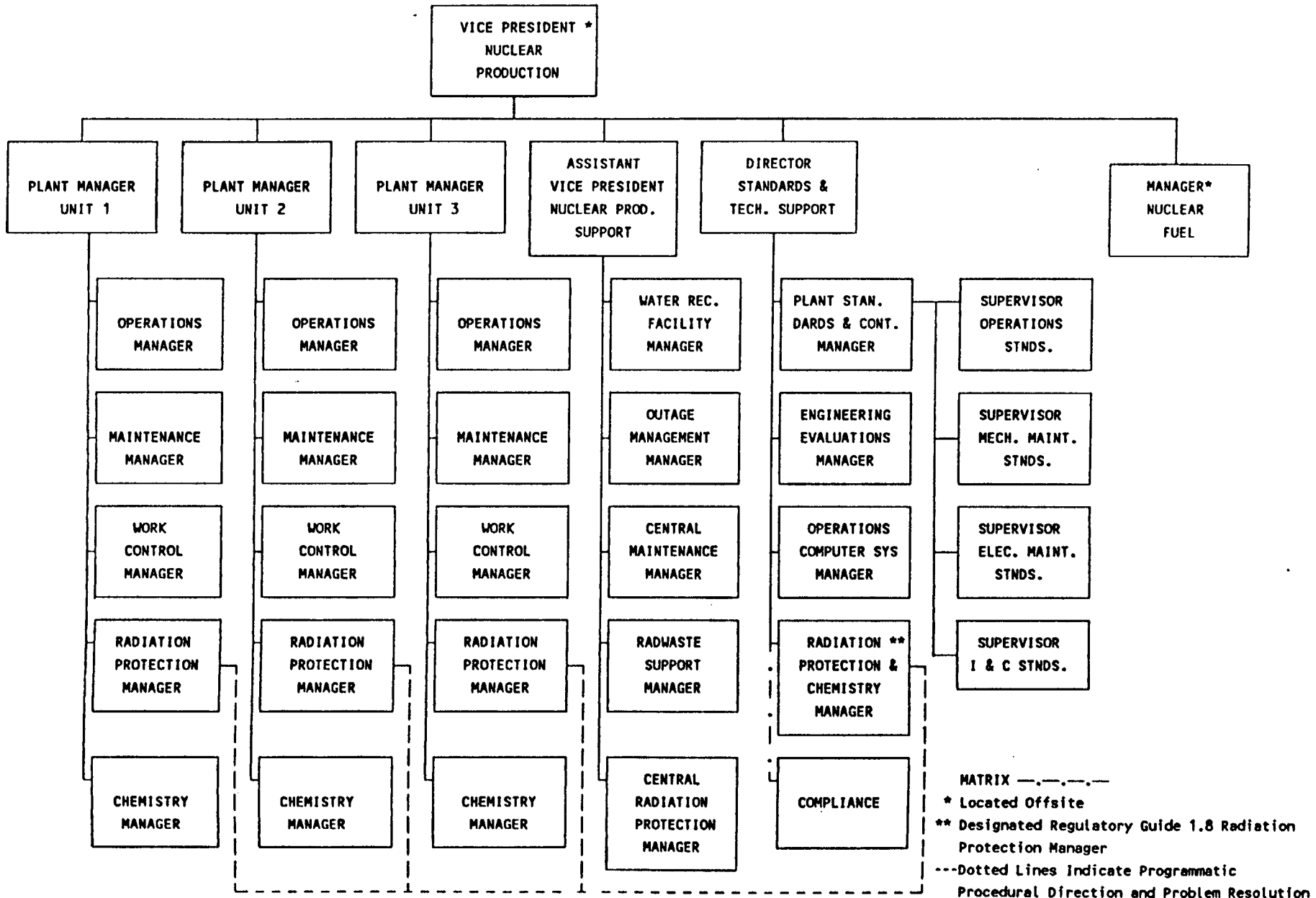
6-3

6-4

\*LOCATED ONSITE



OFFSITE ORGANIZATION  
Figure 6.2-1



MATRIX -.-.-.-

\* Located Offsite

\*\* Designated Regulatory Guide 1.8 Radiation Protection Manager

---Dotted Lines Indicate Programmatic Procedural Direction and Problem Resolution

ONSITE ORGANIZATION  
Figure 6.2-2





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

ARIZONA PUBLIC SERVICE COMPANY, ET AL.

DOCKET NO. STN 50-529

PALO VERDE NUCLEAR GENERATING STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 16  
License No. NPF-51


1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment, dated December 4, 1987, by the Arizona Public Service Company (APS) on behalf of itself and the Salt River Project Agricultural Improvement and Power District, El Paso Electric Company, Southern California Edison Company, Public Service Company of New Mexico, Los Angeles Department of Water and Power, and Southern California Public Power Authority (licensees), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-51 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 16, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated into this license. APS shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



George W. Knighton, Director  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
Changes to the Technical  
Specifications

Date of Issuance: March 7, 1988

March 7, 1988

ENCLOSURE TO LICENSE AMENDMENT

AMENDMENT NO. 16 TO FACILITY OPERATING LICENSE NO. NPF-51

DOCKET NO. STN 50-529

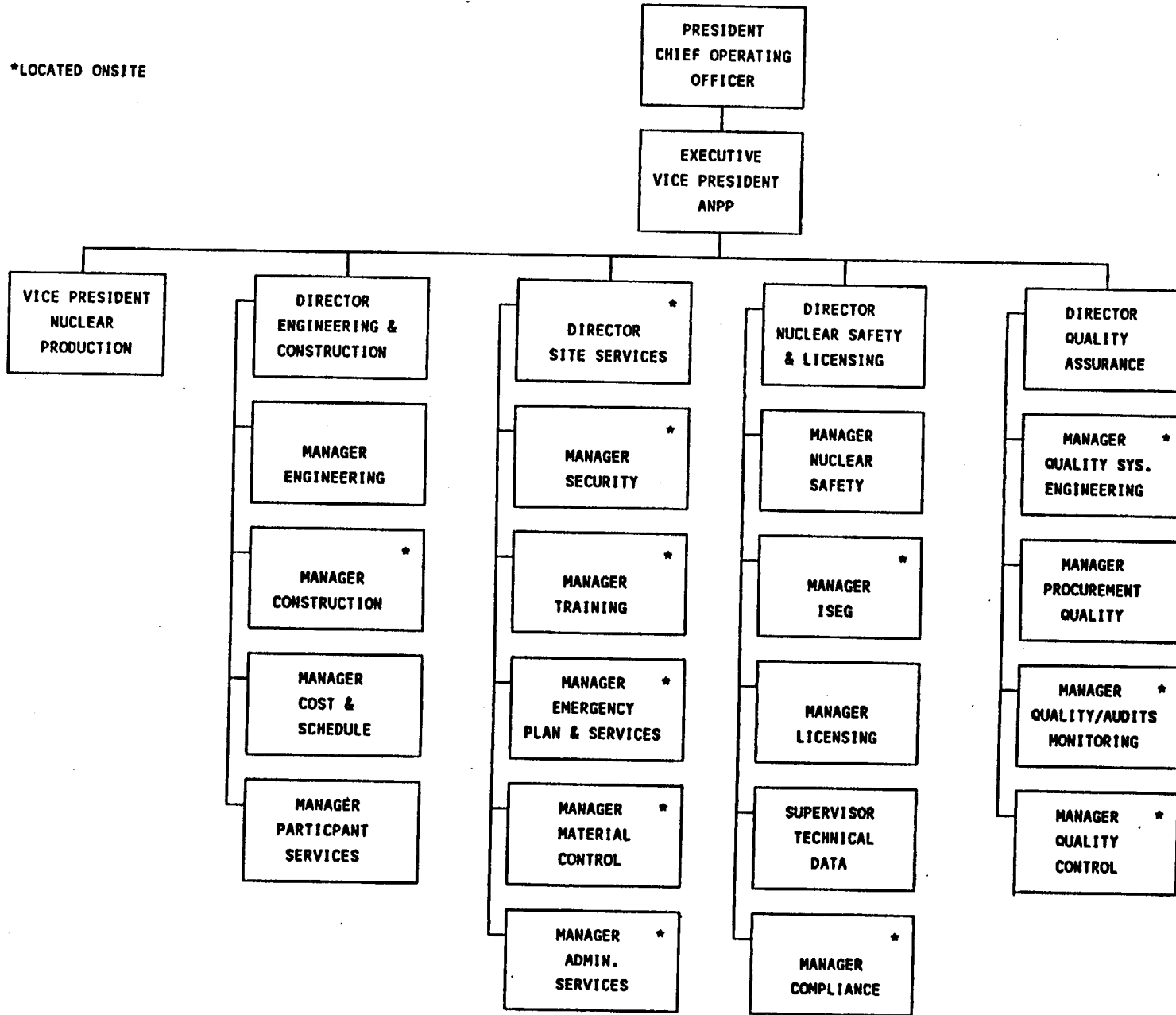
Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

Amendment Pages

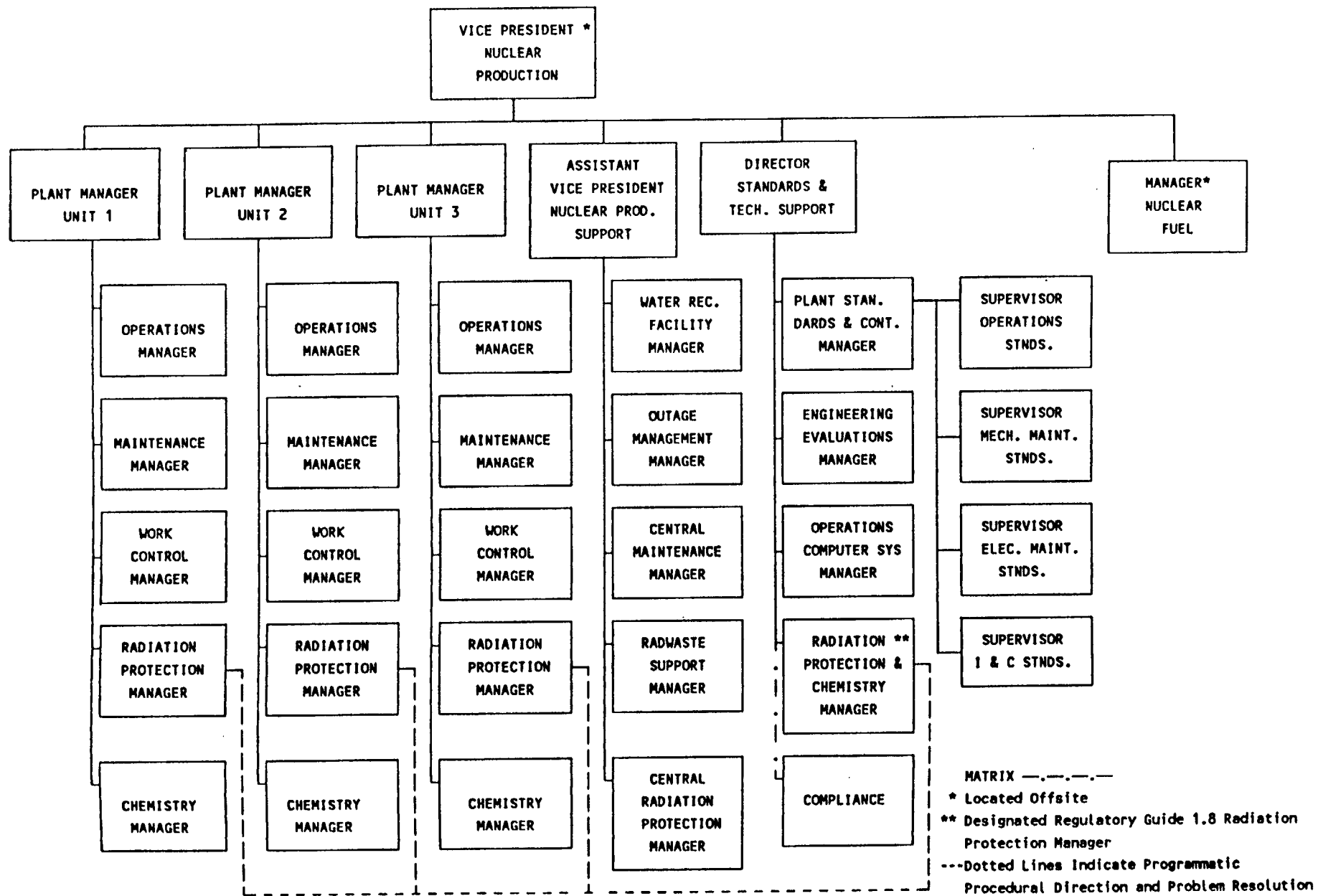
6-3

6-4

\*LOCATED ONSITE



OFFSITE  
ORGANIZATION  
Figure 6.2-1



ONSITE ORGANIZATION

Figure 6.2-2



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

ARIZONA PUBLIC SERVICE COMPANY, ET AL.

DOCKET NO. STN 50-530

PALO VERDE NUCLEAR GENERATING STATION, UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 4  
License No. NPF-74

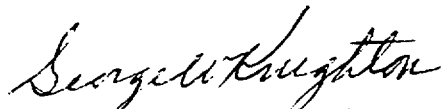
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment, dated December 4, 1987, by the Arizona Public Service Company (APS) on behalf of itself and the Salt River Project Agricultural Improvement and Power District, El Paso Electric Company, Southern California Edison Company, Public Service Company of New Mexico, Los Angeles Department of Water and Power, and Southern California Public Power Authority (licensees), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-74 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 4, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated into this license. APS shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



George W. Knighton, Director  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
Changes to the Technical  
Specifications

Date of Issuance: March 7, 1988

March 7, 1988

ENCLOSURE TO LICENSE AMENDMENT

AMENDMENT NO. 4 TO FACILITY OPERATING LICENSE NO. NPF-74

DOCKET NO. STN 50-530

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

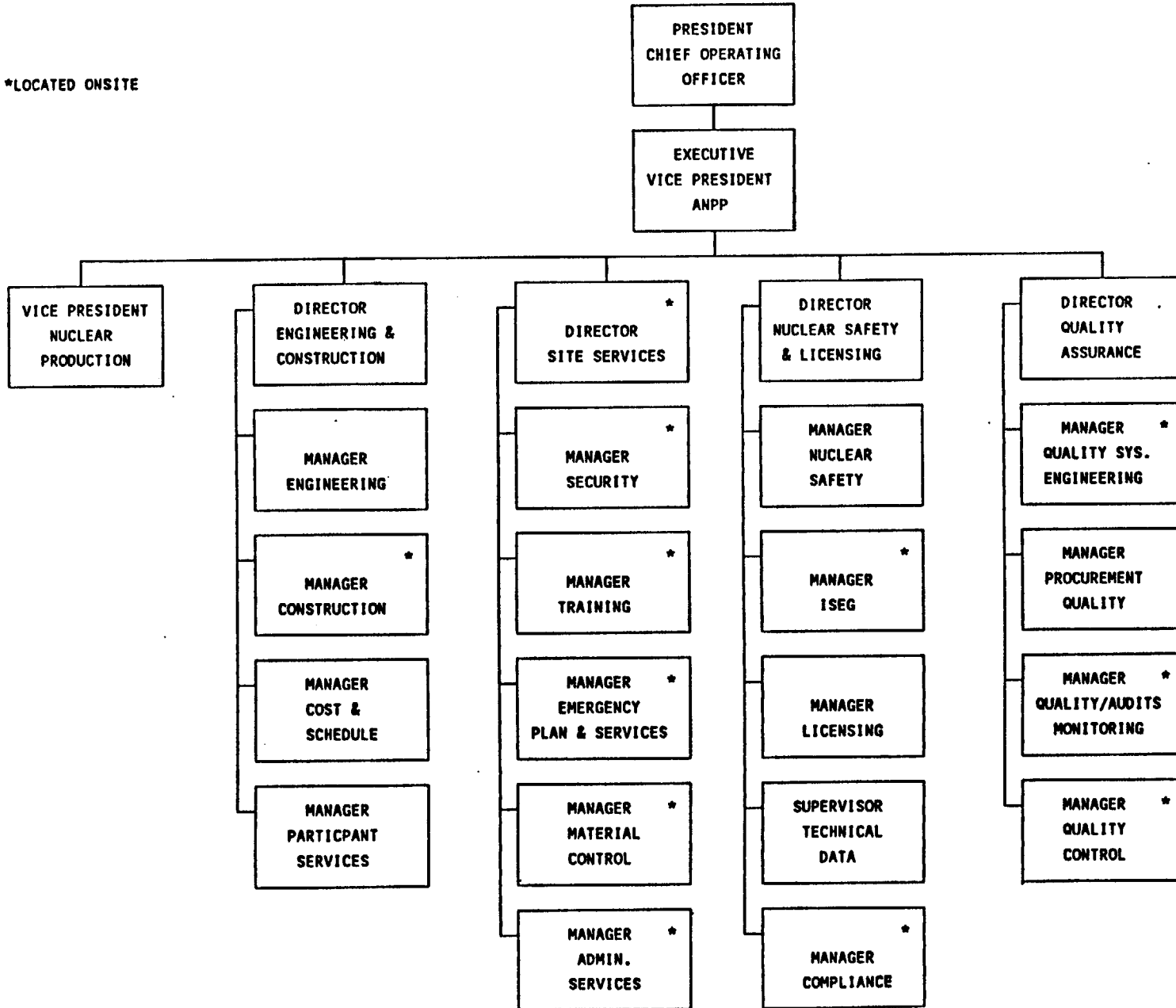
Amendment Pages

6-3

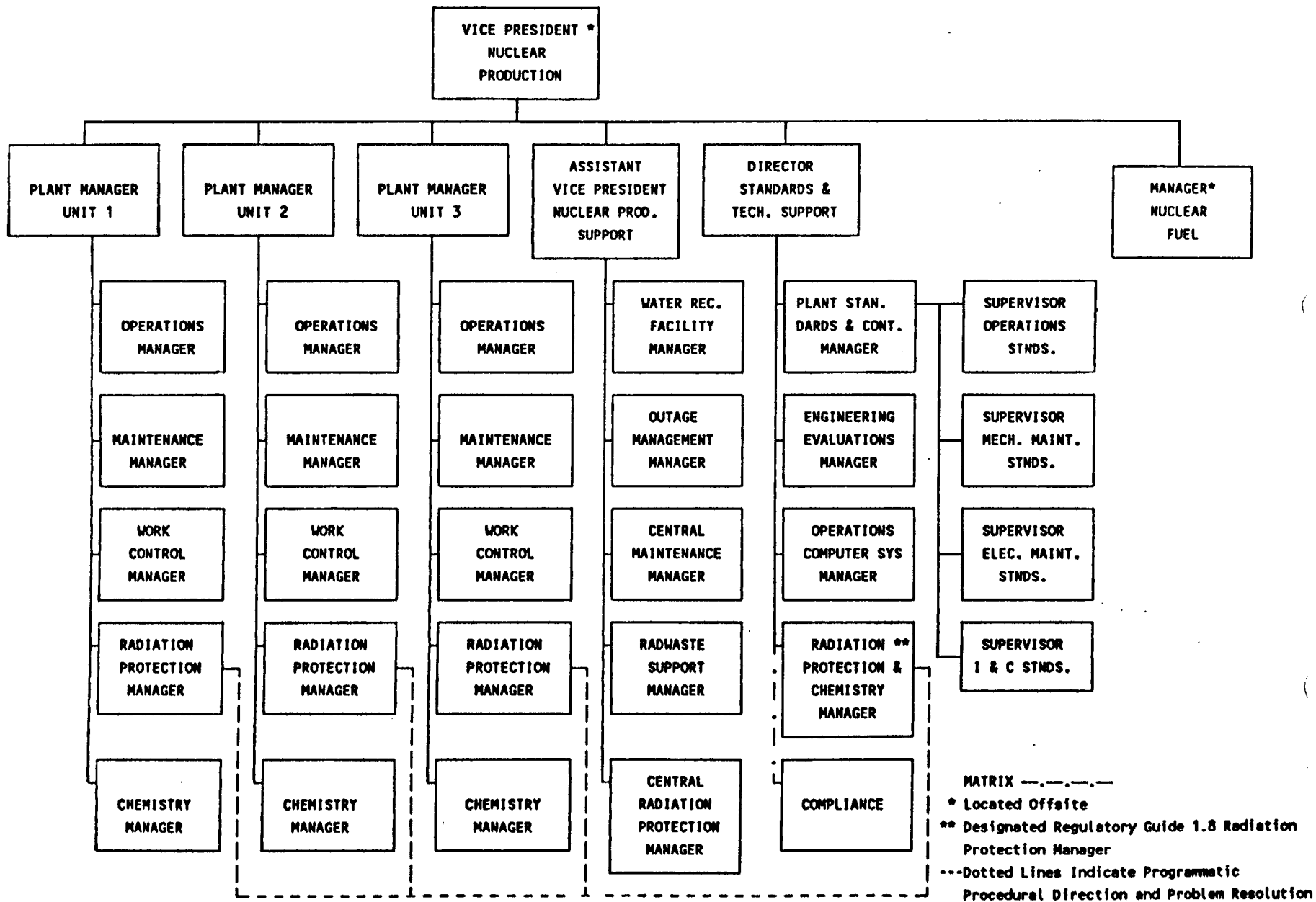
6-4



\*LOCATED ONSITE



OFFSITE ORGANIZATION  
Figure 6.2-1



ONSITE ORGANIZATION

Figure 6.2-2



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE NO. NPF-41,  
AMENDMENT NO. 16 TO FACILITY OPERATING LICENSE NO. NPF-51  
AND AMENDMENT NO. 4 TO FACILITY OPERATING LICENSE NO. NPF-74  
ARIZONA PUBLIC SERVICE COMPANY, ET AL.  
PALO VERDE NUCLEAR GENERATING STATION, UNIT NOS. 1, 2 AND 3  
DOCKET NOS. STN 50-528, STN 50-529 AND STN 50-530

1.0 INTRODUCTION

By letter dated December 4, 1987, the Arizona Public Service Company (APS) on behalf of itself, the Salt River Project Agricultural Improvement and Power District, Southern California Edison Company, El Paso Electric Company, Public Service Company of New Mexico, Los Angeles Department of Water and Power, and Southern California Public Power Authority (licensees), requested a change to the Technical Specifications for the Palo Verde Nuclear Generating Station, Units 1, 2 and 3 (Appendix A to Facility Operating License Nos. NPF-41, NPF-51 and NPF-74, respectively). The application requests a change to Section 6, "Administrative Controls," of the Technical Specifications to reflect a proposed change to the licensees' nuclear organizational structure.

2.0 DISCUSSION

The proposed change requests an amendment to the Palo Verde Units 1, 2 and 3 Technical Specifications, Section 6, Figures 6.2-1 and 6.2-2, "Offsite Organization" and "Onsite Unit Organization." The change is administrative in nature in that the Manager of Nuclear Fuels will now report to the Vice President of Nuclear Production in lieu of reporting to the Director of Engineering and Construction. The change is intended to facilitate communications between the management of the Arizona Nuclear Power Project and the nuclear fuel supply vendor.

3.0 EVALUATION

The staff has evaluated the proposed change and finds that the change should enhance management effectiveness with regards to fuel management. The Nuclear Fuels Department is responsible for fuels management and core analysis for the Palo Verde Units. The Manager of Nuclear Fuels provides nuclear fuel design, contracting and utilization expertise, nuclear fuel core and plant transient and accident analysis, and alternative core operating strategies. The areas of responsibility will remain the same.

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The change will not affect the day to day operation of the units. No physical changes are being made to the facility; the change affects the organization only and is administrative in nature. The change in this organization reflects an operational approach to Palo Verde and will not reduce the margin of safety as defined in the basis for any Technical Specification.

Based on the above discussion the staff finds that the proposed change is acceptable.

#### 4.0 CONTACT WITH STATE OFFICIAL

The Arizona Radiation Regulatory Agency has been advised of the proposed determination of no significant hazards consideration with regard to these changes. No comments were received.

#### 5.0 ENVIRONMENTAL CONSIDERATIONS

The amendments involve an administrative change. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need to be prepared in connection with the issuance of these amendments.

#### 6.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public. We, therefore, conclude that the proposed change is acceptable.

Principal Contributor: M. Davis

Dated: March 7, 1988