



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 13 TO FACILITY OPERATING LICENSE NO. NPF-41
AND AMENDMENT NO. 7 TO FACILITY OPERATING LICENSE NO. NPF-51

ARIZONA PUBLIC SERVICE COMPANY, ET AL.

PALO VERDE NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2

DOCKET NOS. STN 50-528 AND STN 50-529

1.0 INTRODUCTION

By letter dated November 6, 1986, 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 changes to the Technical Specifications for Palo Verde Nuclear Generating Station, Units 1 and 2 (Appendix A to Facility Operating License Nos. NPF-41 and NPF-51, respectively). The application requests changes to (1) the organizational structure shown on Figures 6.2.1 and 6.2.2 of the Technical Specifications and (2) the version of ANSI Standard N509 to be used for initial testing of charcoal filter units in the Essential Filtration Systems.

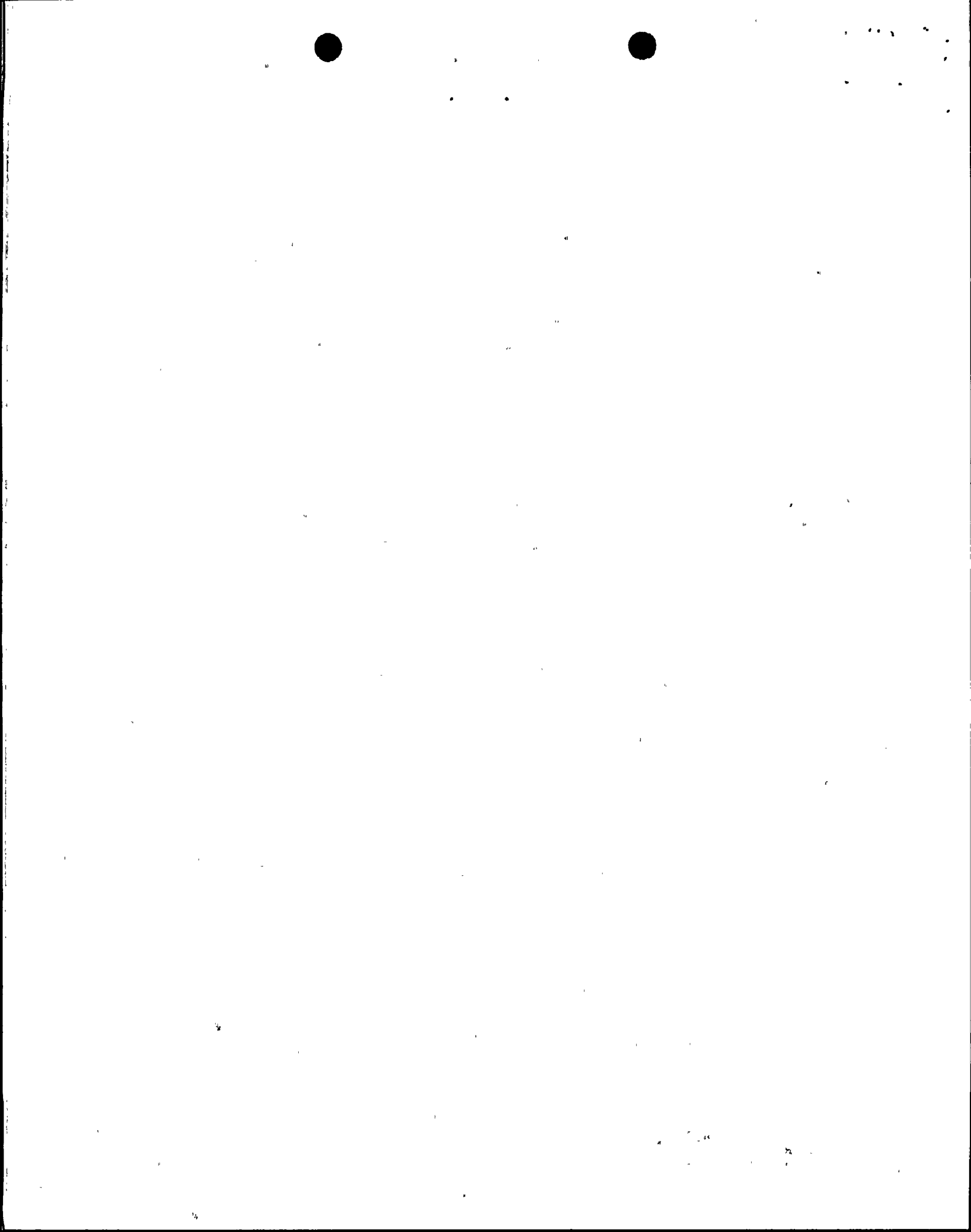
2.0 DISCUSSION

Figures 6.2-1 and 6.2-2 of the Technical Specifications for Palo Verde, Units 1 and 2 provide the offsite and onsite organizational structure for the Palo Verde plant. In its application, dated November 6, 1986, APS proposed the following changes to the figures:

- (A) The Executive Vice President, who is now shown as reporting to the Chief Executive Officer, would be reporting to the President and Chief Operating Officer.
- (B) The Compliance Department, which is now shown as reporting to the Technical Support Manager, would be reporting to the Plant Manager.
- (C) Change the title of Figure 6.2-2 to read "Onsite Organization", in lieu of "Onsite Unit Organization".

APS stated that these changes were proposed to reflect that Palo Verde is shifting from its construction phase to its commercial operation phase, and to increase the effectiveness of the Compliance Department in responding to regulatory and plant issues.

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Sections 4.6.4.3, 4.7.8 and 4.9.12 of the Technical Specifications for Palo Verde, Units 1 and 2, provide the surveillance requirements for the containment hydrogen purge cleanup system, the engineered safety features (ESF) pump room air exhaust cleanup system, and the fuel building essential ventilation system, respectively. Subsections b.2 and c for each of those sections specify that the laboratory analysis of a carbon sample of the charcoal filter units be performed in accordance with Regulatory Positions C.6.a and b of Regulatory Guide 1.52, Revision 2, March 1978 (i.e., in accordance with the 1976 version of ANSI Standard N509).

In its application, dated November 6, 1986, APS proposed that the laboratory analysis of the carbon samples be performed in accordance with the 1980 version of ANSI Standard N509. APS stated that the differences between the 1976 and 1980 versions of the Standard reflect a refinement in the test methods used for initial qualification of the charcoal filters. APS also indicated that the staff's acceptance of the 1980 version of ANSI Standard N509 for qualification testing of charcoal absorbers is documented in Sections 6.5.1 of the Standard Review Plan, Revision 2, July 1981 (NUREG-0800), and that the use of the 1980 version of the Standard was previously approved for the control room essential filtration system in Palo Verde, Units 1 and 2, in a letter dated August 11, 1986 (Amendment No. 7 to NPF-41 and Amendment No. 1 to NPF-51).

3.0 EVALUATION

The staff has evaluated the licensees' proposed amendment requests. Based on that evaluation, the staff finds that:

- 1.. With the proposed changes, the offsite and onsite organizations will continue to meet the requirements of Standard Review Plan Sections 13.1.1 and 13.1.2 - 13.1.3 since the functions of the plant operating staff remain the same and the responsibilities of the Vice President for Nuclear Production also have not changed. Therefore, the staff finds the proposed organizational changes to be acceptable.
2. The use of the criteria in the 1980 version of ANSI Standard N509 for qualification testing of charcoal adsorbers in ESF Atmosphere Cleanup Systems has been found acceptable by the staff for meeting the acceptance criteria in Section 6.5.1 of the Standard Review Plan, as documented in Section 6.5.1 of the Plan. The acceptance criteria in Section 6.5.1 are based on the requirements of General Design Criteria 41, 42, 43 and 61. The staff has previously approved the use of the 1980 version of ANSI Standard N509 for the control room essential filtration system in Palo Verde, Units 1 and 2. Therefore, the staff finds that the use of the 1980 version of the Standard is acceptable for the containment hydrogen purge cleanup system, the engineered safety features (ESF) pump room air exhaust cleanup system, and the fuel building essential ventilation system.

Therefore, the staff concludes that the proposed changes to the Technical Specifications for Palo Verde, Units 1 and 2, are 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 this request for changes to the Technical Specifications. No comments were received.

5.0 ENVIRONMENTAL CONSIDERATIONS

These amendments involve changes in the installation or use of facility components located within the restricted area. The staff has determined that the amendments involve no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued proposed findings that the amendments involves no significant hazards consideration, and there has been no public comment on such findings. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR Sec. 51.22(c)(9). 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 changes are acceptable.

Principal Contributors: C. Nichols and F. Allenspach

Dated: February 9, 1987



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ISSUANCE OF AMENDMENT NO. 13 & 7 TO FACILITY OPERATING
LICENSE NPF-41 AND NPG 51 FOR PALO VERDE UNITS 1 2

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Docket File 50-528/529 ✓

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