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AUTH.NAME AUTHOR AFFILIATION
VAN BRUNT,E.E. Arizona Public Service Co.
RECIP.NAME. RECIPIENT AFFILIATION
KNIGHTON,G.W. Licensing Branch 3

SUBJECT: Forwards info revising Insert 1 to FSAR,Page 14.2-3 re initial test program.

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Arizona Public Service Company

August 1, 1984
ANPP 30090 MFH/KEJ

Director of Nuclear Reactor Regulation
Attention: Mr. George Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2 and 3
Docket Nos. STN-50-528/529/530
File: 84-056-026; G.1.01.10

Reference: Letter from E. E. Van Brunt, Jr. APS to G. W. Knighton, NRC dated July 3, 1984 (ANPP-29875; subject: Response to Questions Concerning Initial Test Program for Palo Verde)

Dear Mr. Knighton:

The referenced letter provided an update to Section 14.2 of the PVNGS FSAR. Attached is additional information not included in the submittal which revises insert 1 to page 14.2-3.

If you have any questions concerning these changes, please contact me.

Very truly yours,

E. E. Van Brunt

E. E. Van Brunt, Jr.
APS Vice President
Nuclear Production
ANPP Project Director

EEVBJr/KEJ/rw
Attachment

cc: A. C. Gehr w/a
E. Licitra "
J. B. Martin "
R. Zimmerman "
G. Fiorelli "

B001
1/1

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

I, Edwin E. Van Brunt, Jr., represent that I am Vice President, Nuclear, of Arizona Public Service Company, that the foregoing document has been signed by me on behalf of Arizona Public Service Company with full authority to do so, that I have read such document and know its contents, and that to the best of my knowledge and belief, the statements made therein are true.

Edwin E. Van Brunt

Edwin E. Van Brunt, Jr.

Sworn to before me this 1st day of August, 1984.

Nora E. Meador

Notary Public

My Commission Expires:

My Commission Expires April 6, 1987

An index of preoperational tests is provided in section 14.2.12, and a description of each test procedure is provided in Appendix 14B. 2

14.2.1.1.3 Phase II Testing - Fuel Loading and Post Core Hot Functional Testing 8

Refer to CESSAR section 14.2.1.2 for a description of Initial Fuel Loading and Post Core Hot Functional Testing.

14.2.1.1.4 Phase III Testing - Initial Criticality and Low Power Physics Testing 12

Refer to CESSAR Section 14.2.1.2 for a description of Initial Criticality and Low Power Physics Testing. 2

14.2.1.1.5 Phase IV Testing - Power Ascension Tests 12

Refer to CESSAR Section 14.2.1.2 for a description of Power Ascension Testing. 2

14.2.2 ORGANIZATION AND STAFFING

INSERT #1

~~The APS Executive Vice President, ANPP, is responsible for the design, construction, startup, and operation of the Palo Verde Nuclear Generation Station. The responsibility for construction completion, startup, and operation is delegated to the Vice President, Nuclear, who in turn delegates those responsibilities as follows:~~ 12

- ~~Prerequisite and Phase I test program to the Startup Manager~~
- ~~Phase II through IV test programs and plant operations to the Manager of Nuclear Operations.~~

Responsibilities associated with startup test programs include the preparation of test procedures, performance of applicable

Insert #1. TO PAGE 14.2-3

The Executive Vice President, Arizona Nuclear Power Project (ANPP) has overall responsibility for defining the responsibilities, requirements and interfaces necessary to safely and efficiently design, construct, start-up, operate, maintain and modify the Palo Verde Nuclear Generating Station. He is assisted in the performance of these duties by the Vice President, Nuclear Production/Assistant Vice President, Nuclear Production who are assigned the overall responsibility for ensuring the safe design, construction, startup, operation and technical support of PVNGS.

The Vice President, Nuclear Production/Assistant Vice President, Nuclear Production are assisted in the performance of their duties by the Manager, Transition and the Director, Nuclear Operations who are assigned the following responsibilities:

- Manager, Transition - Project Management during the transition phase of the project including the Prerequisite and Phase I test programs.

- Director, Nuclear Operations - Plant operations and the Phase II through IV test programs.

initial tests, and the preparation of appropriate test related documentation. Test procedures are prepared by either the Startup or Nuclear Operation Departments with assistance from
12 the NSSS supplier, Combustion Engineering Inc. (CE); the architect engineer, Bechtel Power Corporation (BPC); and other vendors as required. These procedures are subject to review and comment by the appropriate design organizations.

8 The organizations assigned RESPONSIBILITY FOR CONDUCTING ~~to conduct~~ the tests are responsible for establishing specific requirements for scheduling, and
2 accomplishing testing, as well as for providing the necessary direction and coordination of groups having responsibility for
12 specific activities in the startup test program. The organiza-
2 tions participating in the initial test program are discussed in the following sections.

12 14.2.2.1 DELETED

INSERT 1a

12 14.2.2.2 ~~DELETED~~

INSERT #2

#1a

Insert ~~#1~~ To Page 14.2-~~3~~ 4

14.2.2.2 Transition Department

The transition Department is responsible for Project Management during the transition phase (subsystem transfer from Construction to subsystem acceptance by Operations) of the project. This includes providing central project direction and coordination of support activities by other interfacing organizations.

The Transition Department is composed of representatives from the principal interface organizations (Combustion Engineering, Bechtel Power Corp., Nuclear Construction, Nuclear Engineering, Startup, Operations, and Scheduling) and is headed by the Manager, Transition. APS Quality Assurance provides a representative to the Transition Department to assist in quality assurance matters.

Insert #2 To Page 14.2-4

14.2.2.2.1 Manager, Transition

The Manager, Transition is reponsible for the Startup Program, setting engineering/construction priorities to meet the startup schedules, completing systems prior to acceptance by Operations and supporting operations to full power. The Manager, Transition is assisted in his duties by the Startup Manager who is assigned the responsibility for the functional and technical aspects for the Startup Program.