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 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529
 AUTH. NAME AUTHOR AFFILIATION
 VAN BRUNT, E. E. Arizona Nuclear Power Project (formerly Arizona Public Serv
 RECIP. NAME RECIPIENT AFFILIATION
 KNIGHTON, G. W. PWR Project Directorate 7

SUBJECT: Advises that mods to chemical & vol control sys (CVCS) ref
 in listed ltrs completed. Daily insp of level instruments in
 Unit 2 discontinued. Daily insp in Unit 1 will be
 discontinued upon completion of mod to CVCS.

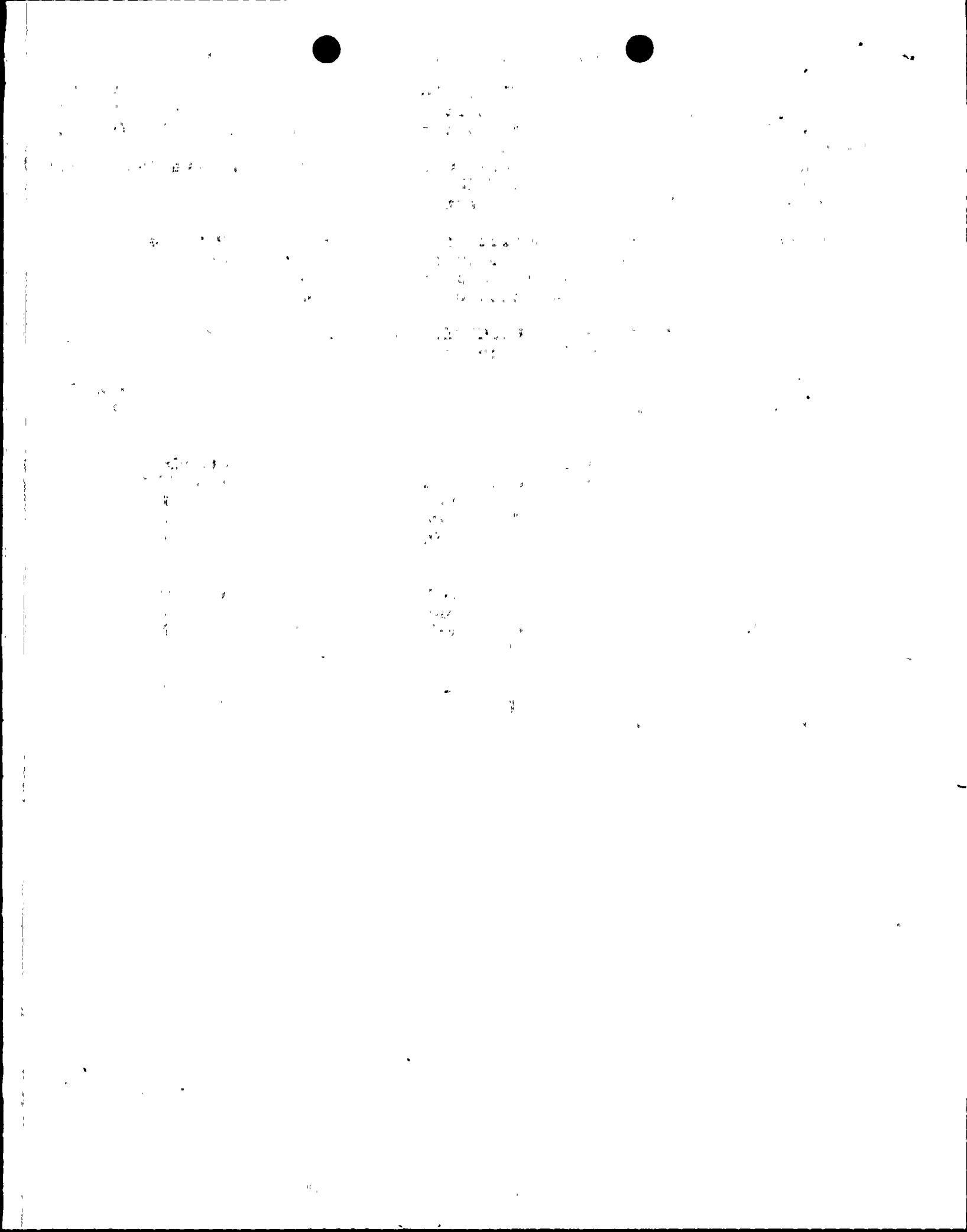
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 Standardized plant.

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Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

April 17, 1986
ANPP-36278-EEVB/BJA/98.05

Director of Nuclear Reactor Regulation
Attention: Mr. George W. Knighton, Project Director
PWR Project Directorate #7
Division of Pressurized Water Reactor Licensing - B
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Palo Verde Nuclear Generating Station
Unit 2
Docket No. STN 50-529 (License No. NPF-46)
Confirmation of Completion of Modifications to
the Chemical and Volume Control System
File: 86-056-026

- References: (1) Letter from E. E. Van Brunt, Jr., ANPP, to G. W. Knighton, NRC, dated October 15, 1985, (ANPP-33713). Subject: Auxiliary Pressurizer Spray Design.
- (2) Letter from E. E. Van Brunt, Jr., ANPP, to G. W. Knighton, NRC, dated October 22, 1985, (ANPP-33771). Subject: Additional Information Concerning the September 12, 1985, Event at Palo Verde Unit 1.
- (3) Letter from E. E. Van Brunt, Jr., ANPP, to G. W. Knighton, NRC, dated November 4, 1985, (ANPP-33905). Subject: Information Concerning the PVNGS Auxiliary Pressurizer Spray System.
- (4) Letter from E. E. Van Brunt, Jr., ANPP, to G. W. Knighton, NRC, dated September 18, 1985 (ANPP-33407). Subject: Auxiliary Pressurizer Spray.

Dear Mr. Knighton:

The referenced letters committed to performing the following modifications to the PVNGS Unit 2 Chemical and Volume Control System (CVCS) prior to exceeding 5% power on PVNGS Unit 2.

- (1) Provide automatic realignment of valves CH-501 and 536 on Lo-Lo VCT level and Loss of Offsite Power, to align the charging pump suction to the refueling water tank.

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Mr. George W. Knighton
Confirmation of Completion of Modifications to
the Chemical and Volume Control System
ANPP-36278
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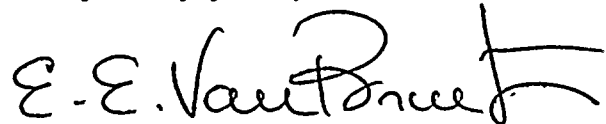
- (2) Modify the VCT level instrumentation to improve the reliability of the level indication.

These modifications to the PVNGS Unit 2 CVCS have been completed in accordance with the commitments made in the referenced letters.

Reference (4) committed to perform a daily inspection of the VCT level instrument reference leg. This inspection was to remain in effect until the issue was properly resolved by design modifications to the VCT level instruments. These design modifications have been completed in PVNGS Unit 2 by the addition of separate reference legs to the existing VCT level transmitters. A signal comparator has also been added to the level transmitters which will initiate an alarm in the main control room to alert the operators of a possible malfunction of either of the level transmitters. The signal comparator performs a continuous monitoring function of the VCT level instruments and eliminates the need to perform the daily inspection of the level instruments. Therefore, ANPP is discontinuing the daily inspection of the level instruments in PVNGS Unit 2 and the daily inspection will be discontinued in PVNGS Unit 1 upon completion of the modification to the Unit 1 VCT level instrumentation.

If you have any additional questions on this matter, please contact Mr. W. F. Quinn of my staff.

Very truly yours,



E. E. Van Brunt, Jr.
Executive Vice President
Project Director

EEVB/BJA/dlm

cc: E. A. Licitra
R. P. Zimmerman
C. Y. Liang
A. C. Gehr

