

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9012270343 DOC.DATE: 90/12/17 NOTARIZED: NO DOCKET #  
 FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528  
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529  
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530

AUTH.NAME AUTHOR AFFILIATION  
 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power  
 RECIP.NAME RECIPIENT AFFILIATION  
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SUBJECT: Responds to NRC 901106 ltr re violations noted in Insp Repts  
 50-528/90-43, 50-529/90-43 & 50-530/90-43. Corrective actions:  
 enhanced guidance for control of alarm setpoints  
 incorporated into new procedure.

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WILLIAM F. CONWAY  
EXECUTIVE VICE PRESIDENT  
N. CLEAR

102-001926-WFC/TRB/JJN  
December 17, 1990

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Mail Station: P1-37  
Washington, DC 20555

Reference: Letter from R. P. Scarano, Director Division of Radiation Safety and Safeguards, NRC to W. F. Conway, Executive Vice President Nuclear, Arizona Public Service, dated November 6, 1990.

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 1, 2, and 3  
Docket No. STN 50-528 (License No. NPF-41)  
Docket No. STN 50-529 (License No. NPF-51)  
Docket No. STN 50-530 (License No. NPF-74)  
Inspection Report 528/90-43, 529/90-43, and 530/90-43  
File: 90-070-026

This letter is provided as requested by the referenced cover letter in response to items 3.A, 3.C, and 3.D of the subject inspection report.

Item 3.A involved the calculation of iodine plateout in effluent radiation monitors and the development and procedural incorporation of iodine correction factors. The calculation for iodine plateout is complete and has been incorporated into the procedure. The procedure revision will be effective December 28, 1990.

Item 3.C discussed the methods for determining the setpoints for radiation monitor alarms and their periodic review. The "Radiation Monitor Alarm Setpoint Determination" procedure (75RP-9ZZ89) was changed to provide a specific interval for the periodic assessment. The inspection report noted "...the staff was unable to provide the inspector with any documentation of the recommended periodic assessments." The documentation for the periodic assessment is available for an inspector's review. Enhanced guidance for the determination and control of alarm setpoints has been incorporated into a new procedure (74RM-9EF42). This procedure will supersede 75RP-9ZZ89 and will be effective December 28, 1990.

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Item 3.D discussed the anisokinetic sampling of the high range effluent monitors. A safety evaluation has been completed and the FSAR will be revised to reflect the existing design of the high range effluent monitors during the annual update.

Should you have any questions regarding this response, please contact me.

Very truly yours,



WFC/TRB/JJN

cc: J. B. Martin  
D. H. Coe  
A. H. Gutterman  
A. C. Gehr