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 FACIL:STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529  
 AUTH.NAME AUTHOR AFFILIATION  
 KARNER,D.B. Arizona Nuclear Power Project (formerly Arizona Public Serv  
 RECIP.NAME RECIPIENT AFFILIATION  
 MARTIN,J.B. Region 5, Ofc of the Director

SUBJECT: Forwards special plant evaluation rept re detection &  
 correction of potentially incorrect RBD constants.

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NOTES:Standardized plant.

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## Arizona Nuclear Power Project

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102-00873-DBK/25 JDS/K2MC 17  
July 21, 1988

Mr. J. B. Martin  
U.S. Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596-5368

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 2  
Docket No. STN 50-529 (License No. NPF-51)  
Response to Confirmatory Action Letter  
File: 88-056-026

Reference: Letter from J. B. Martin, NRC, to E. E. Van Brunt, Jr., ANPP,  
dated June 23, 1988; Subject: Confirmatory Action Letter

Dear Sir:

This letter is provided as requested by the referenced letter concerning the introduction of nonconservative information into the Unit 2 Channel B Core Protection Calculator (CPC). The attachment to this letter provides the investigation report of the event and the actions taken or to be taken to preclude recurrence. As you will note the report indicates that additional research and evaluation is required to develop a methodology which will ensure detection and correction of potentially incorrect RDB constants under all conditions. In addition, this report documents the verification of acceptable operation of the Unit 1 CPC channels.

On June 27, 1988, ANPP informed Mr. Kirsch, of your staff, that the results of the CPC verification testing conducted in Unit 2 at the 70% power level were satisfactory.

If you should have any questions concerning this information contact Mr. Timothy Shriver, of my staff, at (602) 393-3531.

Very truly yours,

*DBK/Karner/HT*

Donald B. Karner  
Executive Vice President  
Project Director

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PDR ADDCK 05000529  
P PNU

DBK/TDS/KLMC/kj

Attachment

cc: E. E. Van Brunt, Jr. (all w/attachment)  
J. G. Haynes  
G. W. Knighton  
E. A. Licitra  
T. J. Polich  
A. C. Gehr

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