



## Arizona Nuclear Power Project

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

John B. Martin, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596-5368

ANPP-32542-EEVB/JP  
May 1, 1985

Subject: Palo Verde Nuclear Generating Station  
(PVNGS) Units 1, 2, and 3  
Docket Nos. STN 50-528(License No. NPF-34)/529/530  
NRC IE Bulletin 84-03  
Refueling Cavity Water Seal  
File: 85-055-026; G.1.01.10

Dear Mr. Martin:

IE Bulletin 84-03 requested licensees to evaluate the potential for and consequences of a refueling cavity water seal failure. In response to this bulletin a study was conducted to evaluate the likelihood of gross seal failure; maximum leak rate due to seal failure; makeup capacity; time to cladding damage without operator action; potential effect on stored fuel and fuel in transfer; and emergency operating procedures.

The results of this study are enclosed in a summary report for the refueling cavity water seal used at PVNGS. If you have any questions or require additional information, please contact me.

Very truly yours,

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

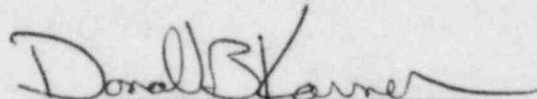
EEVB/JP/slh  
Enclosure

cc: NRC Project Manager, E. A. Licitra  
NRC Resident Inspector, R. Zimmerman  
USNRC Document Control Desk (original)

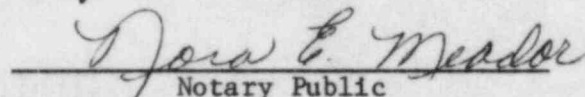
IE11  
11

STATE OF ARIZONA     )  
                                      ) ss.  
COUNTY OF MARICOPA)

I, Donald B. Karner, represent that I am Assistant Vice President, Nuclear Production of Arizona Nuclear Power Project, 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.

  
Donald B. Karner

Sworn to before me this 1st day of May, 1985.

  
Notary Public

My Commission Expires:

My Commission Expires April 6, 1987