



Palo Verde Nuclear
Generating Station

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102-04500-CDM/SAB/RKB
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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-37
Washington, DC 20555-0001

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528
Reactor Vessel Material Surveillance Capsule**

Pursuant to 10 CFR 50, Appendix H, Arizona Public Service Company (APS) hereby submits the attached report documenting the results of the examination of the Unit 1 surveillance capsule that was removed from the 38° location. This is the second Unit 1 capsule to be removed from the reactor in accordance with the Reactor Vessel Material Surveillance Program, Technical Requirements Manual Surveillance Requirement 3.4.200.1 and PVNGS Updated Final Safety Analysis Report, Section 5.3.1.6. The purpose of the Reactor Vessel Material Surveillance Program is to monitor the effects of neutron irradiation on the reactor pressure vessel materials under operating conditions. The 38° capsule was removed from the reactor vessel on October 27, 1999, during the Unit 1 eighth refueling outage, after 9.81 effective full power years (EFPY) of plant operation.

The enclosed report summarizes the testing and post-irradiation data obtained from the 38° surveillance capsule. The capsule results do not change the value of RT(PTS) calculated for PVNGS Unit 1.

No commitments are being made to the NRC by this letter.

Should you have any questions, please contact Scott A. Bauer at (623) 393-5978.

Sincerely,

CDM/SAB/RKB/kg

cc: E. W. Merschoff
M. B. Fields
J. H. Moorman

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ENCLOSURE

TECHNICAL SUMMARY REPORT - CAPSULE 38°
REACTOR VESSEL MATERIAL SURVEILLANCE PROGRAM
PALO VERDE NUCLEAR GENERATING STATION
UNIT 1