



*A subsidiary of Pinnacle West Capital Corporation*

**Scott A. Bauer**  
Department Leader  
Regulatory Affairs  
Palo Verde Nuclear  
Generating Station

Tel. 623-393-5978  
Fax 623-393-5442  
e-mail: sbauer@apsc.com

Mail Station 7636  
PO Box 52034  
Phoenix, Arizona 85072-2034

102-05550-SAB/TNW/GAM  
August 22, 2006

ATTN: Document Control Desk  
Director, Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS) Unit 1 and  
Independent Spent Fuel Storage Installation (ISFSI)  
Docket Nos. STN 50-528 and 72-44  
Registration of Dry Spent Fuel Transportable Storage Canister  
Identification No. AMZDFX045**

In accordance with 10 CFR 72.212(b)(1)(ii), Arizona Public Service Company (APS) is registering the use of a dry spent fuel storage cask to store spent fuel under a 10 CFR Part 72 general license at the PVNGS ISFSI. The information below is provided for transportable storage canister (TSC) identification no. AMZDFX045, used to store spent fuel within vertical concrete cask (VCC) no. AMZDNE045 beginning on August 18, 2006.

Licensee's Name:

Arizona Public Service Company (APS) is the operating agent for PVNGS.

PVNGS Units 1, 2, and 3 have seven owners who are licensees. The owners/licensees are APS, Salt River Project Agricultural Improvement and Power District, El Paso Electric Company, Southern California Edison Company, Public Service Company of New Mexico, Los Angeles Department of Water and Power, and Southern California Public Power Authority. As specified in the PVNGS operating licenses, APS is authorized to act as agent for the PVNGS licensees and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.

Licensee's Address: Arizona Public Service Company  
P. O. Box 52034  
Phoenix, AZ 85072-2034

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

4mss01

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Registration of Dry Spent Fuel Storage Canister AMZDFX045  
Page 2

Reactor: Palo Verde Nuclear Generating Station Unit 1  
License Number: NPF-41  
Docket Numbers: STN 50-528 and 72-44  
Contact Name and Title: Thomas N. Weber, Section Leader, Licensing  
Cask Certificate No.: Certificate of Compliance No. 1015, Amendment No. 4,  
October 11, 2005  
Cask Model No.: NAC-UMS  
Cask Identification Nos.: Transportable Storage Canister (TSC) Identification No.  
AMZDFX045  
Vertical Concrete Cask (VCC) Identification No.  
AMZDNE045

No commitments are being made to the NRC by this letter. Should you have any questions, please contact Thomas N. Weber at (623) 393-5764.

Sincerely,

TN Weber, for  
SA Bauer

SAB/TNW/GAM/gt

cc: B. S. Mallett NRC Region IV Regional Administrator  
M. B. Fields NRC NRR Project Manager  
G. G. Warnick NRC Senior Resident Inspector for PVNGS  
R. J. Lewis NRC SFPO (OWFN, Mail Stop 13 D13)  
F. S. Gee NRC SFPO (OWFN, Mail Stop 13 D13)  
A. V. Godwin Arizona Radiation Regulatory Agency  
T. Morales Arizona Radiation Regulatory Agency