



102-08800-MDD/CJS  
May 7, 2024

**Palo Verde  
Nuclear Generating Station**  
5871 S. Wintersburg Road  
Tonopah, AZ 85354

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

Subject: **Palo Verde Nuclear Generating Station Units 1, 2 and 3 and Independent Spent Fuel Storage Installation Renewed Operating License Nos. NPF-41, NPF-51, NPF-74 Docket Nos. STN 50-528, 50-529, and 50-530, and 72-44 Registration of Dry Spent Fuel Storage Casks with Applied Changes Authorized by an Amended Certificate of Compliance**

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 72.212(b)(4), Arizona Public Service Company (APS) is registering the use of dry spent fuel storage casks to store spent fuel under a 10 CFR Part 72 general license at the Palo Verde Nuclear Generating Station (PVNGS) Independent Spent Fuel Storage Installation (ISFSI). Specifically, APS is changing the authorized amended NAC-UMS Certificate of Compliance (CoC) No. 1015 which has been applied, from Amendment 5, effective January 12, 2009, to Amendment 9, effective August 29, 2022. The enclosure to this letter contains the registration information required by 10 CFR 72.212(b)(4).

No commitments are being made to the NRC by this letter. Should you need further information regarding this submittal, please contact me at (623) 393-3495.

Sincerely,

**Dilorenzo, Michael**  
**D(Z99838)**

Digitally signed by Dilorenzo,  
Michael D(Z99838)  
Date: 2024.05.07 17:54:08 -07'00'

Michael D. DiLorenzo  
Department Leader Nuclear Regulatory Affairs - Licensing

MDD/CJS/cr

Enclosure: Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs) in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an Amended Certificate of Compliance (CoC)

cc:

J. D. Monninger  
W. T. Orders  
L. N. Merker

NRC Region IV Regional Administrator  
NRC NRR Project Manager for PVNGS  
NRC Senior Resident Inspector for PVNGS

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

Licensee's Name:

Arizona Public Service Company (APS) is the operating agent for the Palo Verde Nuclear Generating Station (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 renewed 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

Reactor: Palo Verde Nuclear Generating Station Units 1, 2, and 3  
See table below for specific reactor for each cask.

License Number: NPF-41, NPF-51, and NPF-74  
See table below for specific reactor license number for each cask.

Docket Numbers: STN 50-528, 50-529, and 50-530, and 72-44  
See table below for specific docket number for each cask.

Contact Name and Title: Michael D. DiLorenzo  
Department Leader Nuclear Regulatory Affairs - Licensing

Cask Certificate No.: Certificate of Compliance No. 1015, Amendment No. 9  
August 29, 2022

Cask Model No.: NAC-UMS

Cask Identification Nos.: See table below.

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

**Table of NAC-UMS Casks – Palo Verde Nuclear Generating Station**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX001 VCC: AMZDNE001	15-Mar-03
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX002 VCC: AMZDNE002	15-Apr-03
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX003 VCC: AMZDNE003	15-May-03
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX004 VCC: AMZDNE004	29-May-03
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX005 VCC: AMZDNE005	12-Jun-03
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX008 VCC: AMZDNE006	24-Jul-03
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX007 VCC: AMZDNE007	7-Aug-03
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX006 VCC: AMZDNE008	21-Aug-03
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX009 VCC: AMZDNE009	5-Sep-03
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX010 VCC: AMZDNE010	18-Sep-03
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX011 VCC: AMZDNE011	23-Jan-04
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX012 VCC: AMZDNE012	6-Feb-04

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX013 VCC: AMZDNE013	26-Feb-04
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX014 VCC: AMZDNE014	11-Mar-04
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX015 VCC: AMZDNE015	25-Mar-04
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX016 VCC: AMZDNE016	27-May-04
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX017 VCC: AMZDNE017	15-Jul-04
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX018 VCC: AMZDNE018	29-Jul-04
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX019 VCC: AMZDNE019	12-Aug-04
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX020 VCC: AMZDNE020	26-Aug-04
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX021 VCC: AMZDNE021	10-Sep-04
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX022 VCC: AMZDNE022	23-Sep-04
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX023 VCC: AMZDNE023	22-Jan-05
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX024 VCC: AMZDNE024	17-Feb-05
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX025 VCC: AMZDNE025	24-Feb-05

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX026 VCC: AMZDNE026	3-Mar-05
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX027 VCC: AMZDNE027	10-Mar-05
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX028 VCC: AMZDNE028	30-Mar-05
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX029 VCC: AMZDNE029	3-Aug-05
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX030 VCC: AMZDNE030	11-Aug-05
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX031 VCC: AMZDNE031	19-Aug-05
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX032 VCC: AMZDNE032	31-Aug-05
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX033 VCC: AMZDNE033	8-Sep-05
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX034 VCC: AMZDNE034	16-Sep-05
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX035 VCC: AMZDNE035	20-Jan-06
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX036 VCC: AMZDNE036	27-Jan-06
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX037 VCC: AMZDNE037	9-Feb-06
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX038 VCC: AMZDNE038	17-Feb-06

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX039 VCC: AMZDNE039	24-Feb-06
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX040 VCC: AMZDNE040	3-Mar-06
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX041 VCC: AMZDNE041	10-Mar-06
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX042 VCC: AMZDNE042	21-Jul-06
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX043 VCC: AMZDNE043	29-Jul-06
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX044 VCC: AMZDNE044	4-Aug-06
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX045 VCC: AMZDNE045	18-Aug-06
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX046 VCC: AMZDNE046	25-Aug-06
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX047 VCC: AMZDNE047	1-Sep-06
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX048 VCC: AMZDNE048	6-Apr-07
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX049 VCC: AMZDNE049	13-Apr-07
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX050 VCC: AMZDNE050	20-Apr-07
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX051 VCC: AMZDNE051	28-Apr-07

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX052 VCC: AMZDNE052	4-May-07
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX053 VCC: AMZDNE053	11-May-07
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX054 VCC: AMZDNE054	25-Sep-08
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX055 VCC: AMZDNE055	6-Dec-08
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX056 VCC: AMZDNE056	16-Dec-08
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX057 VCC: AMZDNE057	31-Dec-08
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX058 VCC: AMZDNE058	28-Feb-09
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX059 VCC: AMZDNE059	10-Mar-09
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX060 VCC: AMZDNE060	20-Mar-09
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX061 VCC: AMZDNE061	9-Jun-09
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX062 VCC: AMZDNE062	24-Jun-09
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX063 VCC: AMZDNE063	8-Aug-09
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX064 VCC: AMZDNE064	21-Aug-09

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX065 VCC: AMZDNE065	28-Aug-09
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX066 VCC: AMZDNE066	4-Sep-09
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX067 VCC: AMZDNE067	11-Sep-09
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX068 VCC: AMZDNE068	29-Jan-10
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX069 VCC: AMZDNE069	5-Feb-10
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX070 VCC: AMZDNE070	12-Feb-10
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX071 VCC: AMZDNE071	26-Feb-10
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX072 VCC: AMZDNE072	5-Mar-10
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX073 VCC: AMZDNE073	12-Mar-10
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX074 VCC: AMZDNE074	7-Aug-10
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX075 VCC: AMZDNE075	13-Aug-10
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX076 VCC: AMZDNE076	20-Aug-10
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX077 VCC: AMZDNE077	3-Sep-10



## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX078 VCC: AMZDNE078	10-Sep-10
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX079 VCC: AMZDNE079	28-Jan-11
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX080 VCC: AMZDNE080	4-Feb-11
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX081 VCC: AMZDNE081	11-Feb-11
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX082 VCC: AMZDNE082	25-Feb-11
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX083 VCC: AMZDNE083	4-Mar-11
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX084 VCC: AMZDNE084	11-Mar-11
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX085 VCC: AMZDNE085	29-Jul-11
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX086 VCC: AMZDNE086	06-Aug-11
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX087 VCC: AMZDNE087	12-Aug-11
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX088 VCC: AMZDNE088	26-Aug-11
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX089 VCC: AMZDNE089	02-Sep-11
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX090 VCC: AMZDNE090	20-Jan-12

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX091 VCC: AMZDNE091	27-Jan-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX092 VCC: AMZDNE092	10-Feb-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX093 VCC: AMZDNE096	24-Aug-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX094 VCC: AMZDNE093	17-Feb-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX095 VCC: AMZDNE095	18-Aug-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX096 VCC: AMZDNE094	24-Feb-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX097 VCC: AMZDNE097	31-Aug-12
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX098 VCC: AMZDNE098	07-Sep-12
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX099 VCC: AMZDNE099	09-Feb-13
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX100 VCC: AMZDNE100	15-Feb-13
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX101 VCC: AMZDNE101	25-Feb-13
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX102 VCC: AMZDNE106	24-Aug-13
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX103 VCC: AMZDNE102	10-May-13

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX104 VCC: AMZDNE104	24-May-13
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX105 VCC: AMZDNE105	13-Aug-13
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX106 VCC: AMZDNE103	17-May-13
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX107 VCC: AMZDNE107	30-Aug-13
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX108 VCC: AMZDNE108	30-Sep-13
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX109 VCC: AMZDNE109	13-Dec-13
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX110 VCC: AMZDNE110	14-Feb-14
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX111 VCC: AMZDNE111	21-Feb-14
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX112 VCC: AMZDNE112	28-Feb-14
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX113 VCC: AMZDNE113	07-Mar-14
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX114 VCC: AMZDNE114	16-May-14
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX115 VCC: AMZDNE115	27-May-14
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX116 VCC: AMZDNE116	30-May-14

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX117 VCC: AMZDNE117	18-Jul-14
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX118 VCC: AMZDNE118	25-Jul-14
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX119 VCC: AMZDNE119	1-Aug-14
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX120 VCC: AMZDNE120	8-Aug-14
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX121 VCC: AMZDNE121	29-Aug-14
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX122 VCC: AMZDNE122	5-Sep-14
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX123 VCC: AMZDNE123	13-Feb-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX124 VCC: AMZDNE124	20-Feb-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX125 VCC: AMZDNE125	27-Feb-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX126 VCC: AMZDNE126	6-Mar-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX127 VCC: AMZDNE127	15-May-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX128 VCC: AMZDNE128	22-May-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX129 VCC: AMZDNE129	5-Jun-15

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX130 VCC: AMZDNE130	12-Jun-15
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX131 VCC: AMZDNE131	19-Jun-15
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX132 VCC: AMZDNE132	4-Mar-16
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX133 VCC: AMZDNE133	27-May-16
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX134 VCC: AMZDNE134	3-Jun-16
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX135 VCC: AMZDNE135	10-Jun-16
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX136 VCC: AMZDNE136	17-Jun-16
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX137 VCC: AMZDNE137	24-Jun-16
Unit 3, NPF-74	STN 50-530, 72-44	1015	9	NAC-UMS	TSC: AMZDFX138 VCC: AMZDNE138	1-Jul-16
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX139 VCC: AMZDNE139	3-Feb-17
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX140 VCC: AMZDNE140	10-Feb-17
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX141 VCC: AMZDNE141	17-Feb-17
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX142 VCC: AMZDNE142	24-Feb-17

## Enclosure

**Registration of Dry Spent Fuel Storage Cask Transportable Storage Canisters (TSCs)  
in Vertical Concrete Casks (VCCs) with Applied Changes Authorized by an  
Amended Certificate of Compliance (CoC)**

PVNGS Reactor Unit No. and License No.	PVNGS Reactor and ISFSI Docket Nos.	Cask Certificate No.	Cask CoC Amendment No.	Cask Model No.	Cask Identification No.	Date Placed In Use
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX143 VCC: AMZDNE143	03-Mar-17
Unit 1, NPF-41	STN 50-528, 72-44	1015	9	NAC-UMS	TSC: AMZDFX144 VCC: AMZDNE144	10-Mar-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX145 VCC: AMZDNE145	09-Jun-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX146 VCC: AMZDNE146	16-Jun-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX147 VCC: AMZDNE147	23-Jun-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX148 VCC: AMZDNE148	30-Jun-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX149 VCC: AMZDNE149	28-Jul-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX150 VCC: AMZDNE150	09-Aug-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX151 VCC: AMZDNE151	25-Aug-17
Unit 2, NPF-51	STN 50-529, 72-44	1015	9	NAC-UMS	TSC: AMZDFX152 VCC: AMZDNE152	01-Sep-17