



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

November 13, 2023

Adam Heflin
Executive Vice President
and Chief Nuclear Officer
Arizona Public Service
P.O. Box 52034, MS 7602
Phoenix, AZ 85072

SUBJECT: PALO VERDE NUCLEAR GENERATING STATION – SECURITY BASELINE
INSPECTION REPORT 05000528/2023403 AND 05000529/2023403 AND
05000530/2023403

Dear Adam Heflin:

On November 2, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Palo Verde Nuclear Generating Station. On November 7, 2023, the NRC inspectors discussed the results of this inspection with Cory Harbor, Vice President, Nuclear Regulatory & Oversight and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

A. Heflin

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Sincerely,



Signed by Kellar, Ray
on 11/13/23

Ray L. Kellar, P.E., Chief
Physical Security Branch
Division of Radiological Safety & Security

Docket Nos. 05000528, 05000529, 05000530
License Nos. NPF-41, NPF-51, NPF-74

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

PALO VERDE NUCLEAR GENERATING STATION – SECURITY BASELINE INSPECTION REPORT 05000528/2023403 AND 05000529/2023403 AND 05000530/2023403 DATED NOVEMBER 13, 2023.

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DOCUMENT NAME: PALO VERDE NUCLEAR GENERATING STATION – SECURITY BASELINE INSPECTION REPORT 05000528/2023403 AND 05000529/2023403 AND 05000530/2023403

Non-Public Designation Category: MD 3.4 Non-Public _____ (A.3 - A.7 or B.1)

ADAMS ACCESSION NUMBER: **ML23313A170**

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 05000528, 05000529 and 05000530

License Numbers: NPF-41, NPF-51 and NPF-74

Report Numbers: 05000528/2023403, 05000529/2023403 and 05000530/2023403

Enterprise Identifier: I-2023-403-0006

Licensee: Arizona Public Service

Facility: Palo Verde Nuclear Generating Station

Location: Tonopah, AZ

Inspection Dates: October 30, 2023 to November 03, 2023

Inspectors: R. Lanfear, Physical Security Inspector
T. Weir, Physical Security Inspector

Approved By: Ray L. Kellar, P.E., Chief
Physical Security Branch
Division of Radiological Safety & Security

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Palo Verde Nuclear Generating Station, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

SAFEGUARDS

71130.01 - Access Authorization

The inspectors evaluated the access authorization program. The following elements were evaluated:

Access Authorization (1 Sample)

- (1)
 - Tier I: All requirements
 - Tier II: All requirements
 - Tier III: All requirements

71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

Access Control (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: All Requirements
 - Tier III: All Requirements

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

(1) October 1, 2022 through September 30, 2023

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On November 7, 2023, the inspectors presented the security baseline inspection results to Cary Harbor, Vice President, Nuclear Regulatory & Oversight and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.01	Corrective Action Documents	23-03368, 23-01393, 23-03198, 22-01353, 22-08561, 22-08562, 22-08564, 23-00055, 22-10097, 23-06617		
	Corrective Action Documents Resulting from Inspection	23-11601, 23-11485		
	Miscellaneous Procedures	Audit 2023-005	Fitness for Duty (FFD) and Access Authorization (AA)	0
		20DP-0SK23	Personnel Escorted Access Processing	38
		20DP-0SK39	Palo Verde Badging Procedure	42
		20DP-0SK40	Access Authorization	47
		20DP-0SK46	Personnel Access Data System (PADS) Process	46
	Self-Assessments	Access Authorization Readiness	Access Authorization Readiness	06/02/2023
71130.02	Corrective Action Documents	22-04696, 22-10265, 22-08871, 23-05971, 23-04622, 23-05971, 23-01140, 23-08061, 23-07314, 23-03374, 23-04249, 23-03592, 23-03368, 23-00055, 23-10097, 23-06617		
	Corrective Action Documents	23-11608, 23-11602, 23-11564,		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Resulting from Inspection	23-11565		
	Procedures	20DP-0SK21	Protected Area Security Extension (PASE) and Security Headquarters Access Control and Operation	Rev. 34
		20DP-0SK23	Personnel Escorted Access Processing	Rev. 38
		20DP-0SK24	Protected Area Warehouse, Sally Port and ISFSI Access	Rev. 46
		20DP-0SK26	Security Escort Duties	Rev. 24
		20DP-0SK30	Security Lock and Key Control	Rev. 50
		20DP-0SK42	Personnel Access to Protected and Vital Areas	Rev. 39
		20DP-0SK43	Control of Safeguards Information	Rev. 37
		20DP-0sK45	SOCA Vehicle Access, Egress and Parking Controls	Rev. 23
		20DP-0SK55	Protected and Vital Area Vehicle Access	Rev. 14
		20DP-0SK70	Security Ingress Equipment Testing	Rev. 2
		20DP-0SK72	Security Doors, Hatches, and Turnstiles Testing	Rev. 3
		20DP-0SK99	SOCA Access Control	Rev. 8
	Self-Assessments	2023-001	Nuclear Security Audit	Rev. 0
		23-07414	NRC Security Baseline Inspection Readiness Assessment Checklist	07/18/2023