



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

August 23, 2022

Mr. Adam Heflin, Executive Vice President
and Chief Nuclear Officer
Arizona Public Service
P.O. Box 52034, MS 7602
Phoenix, AZ 85072-2034

SUBJECT: UPDATED INSPECTION PLAN FOR PALO VERDE NUCLEAR GENERATING
STATION, UNITS 1, 2, AND 3 (REPORT 05000528/2022005 AND
05000529/2022005 AND 05000530/2022005)

Dear Mr. Heflin:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for Palo Verde Nuclear Generating Station, Units 1, 2, and 3. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a "Comprehensive Engineering Team Inspection (CETI)"¹ and three "Focused Engineering Inspections (FEIs)" that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: "Fire Protection Team Inspection," "Commercial Grade Dedication" and an engineering inspection that reviews age-related degradation and management².

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. While the PHE continues, overall conditions throughout the country support performance of our inspection and oversight activities to return to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-specific conditions and as discussed in our November 2, 2021 memo, "Implementation of Inspection Programs Following Re-Entry from the Public Health Emergency for the Reactor Safety Program" (ML21295A302), it may be necessary to alter how and when we perform our inspection and oversight activities as

¹ Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from attached Report 22.

² The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

we balance the importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC's critical safety mission.

For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

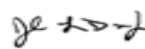
The Regional Administrator has approved the staff's plan to conduct Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," at your facility, Unit 1, as indicated in the enclosed inspection plan.

The Regional Administrator has approved the staff's plan to conduct Inspection Procedure 92702 "Follow-Up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders," at your ISFSI facility (related to NRC Letter "Confirmatory Order Modifying License," ADAMS Accession Number ML20323A035), as indicated in the enclosed inspection plan.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 817-200-1574 with any questions you have regarding this letter.

Sincerely,



Signed by Dixon, John
on 08/23/22

John L. Dixon, Jr., Chief
Projects Branch D
Division of Operating Reactor Safety

Docket Nos. 05000528, 05000529, 05000530,
07200044
License Nos. NPF-41, NPF-51, NPF-74

Enclosure:
Inspection Plan

Distribution:

cc w/ encl: Distribution via LISTSERV®

UPDATED INSPECTION PLAN FOR PALO VERDE NUCLEAR GENERATING STATION,
 UNITS 1, 2 AND 3 (REPORT 05000528/2022005 AND 05000529/2022005 AND
 05000530/2022005) – DATED AUGUST 23, 2022

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ADAMS ACCESSION NUMBER: **ML22229A522**

SUNSI Review ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: Yes No Publicly Available Sensitive NRC-002

OFFICE	SPE:DORS/D	BC:DORS/D			
NAME	ASanchezJLD for	JDixon			
DATE	8/23/2022	8/23/2022			

Site Inspection Activity Plan

07200044 - Palo Verde (ISFSI)

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	Title	Staff Count
Palo Verde ISFSI Confirmatory Order Follow-up Inspection (Part 72)						2
	10/1/2022	11/30/2022	IP 92702 CONF	001701	Enforcement Related Order Follow-Up-Only	

Site Inspection Activity Plan

Palo Verde

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	Title	Staff Count
PV 2022 3Q Resident Baseline						5
1,2,3	7/1/2022	9/30/2022	IP 71151	000746	Performance Indicator Verification	
Security Access Control .02						1
1,2,3	7/25/2022	7/29/2022	IP 71130.02	000734	Access Control	
1,2,3	7/25/2022	7/29/2022	IP 71130.09	001656	Security Plan Changes	
1,2,3	7/25/2022	7/29/2022	IP 71151	001338	Performance Indicator Verification	
Target Set Inspection - PV						3
1,2,3	8/1/2022	9/16/2022	IP 71130.14	000743	Review of Power Reactor Target Sets	
Security Training/Equip Maint .07 and .04						2
1,2,3	9/12/2022	9/16/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2,3	9/12/2022	9/16/2022	IP 71130.07	000739	Security Training	
PV 2022 BRQ						3
1,2,3	9/25/2022	10/1/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
PV 2022 4Q Resident Baseline						5
1,2,3	10/1/2022	12/31/2022	IP 71151	000746	Performance Indicator Verification	
Palo Verde ISFSI Confirmatory Order Follow-up Inspection (Part 50) Feeder for Residents' report						2
1,2,3	10/1/2022	10/2/2022	IP 92702	001555	Follow-Up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders	
1,2,3	10/1/2022	10/2/2022	IP 92702 CONF	001701	Enforcement Related Order Follow-Up-Only	
Inservice Inspection 3RF23 - PV						1
3	10/10/2022	10/21/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Design Bases Assurance Inspection (Team) - 21M - Palo Verde						6
1,2,3	11/28/2022	12/16/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
Cyber Security Inspection - PV						4
1,2,3	12/5/2022	12/9/2022	IP 71130.10	000741	Cybersecurity	
EP 2023 Exercise Scenario In-Office Rvw 71114.08 - PV						4
1,2,3	1/1/2023	2/7/2023	IP 71114.08	000723	Exercise Evaluation - Scenario Review	
PV 2023 1Q Resident Baseline						5
1,2,3	1/1/2023	3/31/2023	IP 71151	000746	Performance Indicator Verification	
Security FFD .08						1
1,2,3	1/23/2023	1/27/2023	IP 71130.08	000740	Fitness For Duty Program	
Protective Strategy w/Annual FOF sample, IP .05						2

Site Inspection Activity Plan

1,2,3	1/30/2023	2/3/2023	IP 71130.05	000737	Protective Strategy Evaluation	
PV 2023 2Q Resident Baseline						5
1,2,3	2/1/2023	8/15/2023	IP 71151	000746	Performance Indicator Verification	
EP 2023 Biennial Exercise & PI Inspection						4
1,2,3	3/6/2023	3/10/2023	IP 71114.01	000716	Exercise Evaluation	
1,2,3	3/6/2023	3/10/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2,3	3/6/2023	3/10/2023	IP 71151	001397	Performance Indicator Verification	
Inservice Inspection 2R24						1
2	4/17/2023	4/28/2023	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,4,PI -						2
1,2,3	4/17/2023	4/21/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2,3	4/17/2023	4/21/2023	IP 71124.04	000728	Occupational Dose Assessment	
1,2,3	4/17/2023	4/21/2023	IP 71151	000746	Performance Indicator Verification	
PV 2023 INITIAL EXAM						6
1,2,3	3/26/2023	4/1/2023	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2,3	4/30/2023	5/6/2023	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
PV 2023 3Q Resident Baseline						5
1,2,3	7/1/2023	9/30/2023	IP 71151	000746	Performance Indicator Verification	
Palo Verde Biennial PI&R						4
1,2,3	6/26/2023	6/30/2023	IP 71152B	000747	Problem Identification and Resolution	
1,2,3	7/10/2023	7/14/2023	IP 71152B	000747	Problem Identification and Resolution	
Commercial Grade Dedication Inspection - 21N - Palo Verde						3
1,2,3	9/11/2023	9/15/2023	IP 71111.21N.03	001808	Commercial Grade Dedication	
1,2,3	9/25/2023	9/29/2023	IP 71111.21N.03	001808	Commercial Grade Dedication	
PV 2023 4Q Resident Baseline						5
1,2,3	10/1/2023	12/31/2023	IP 71151	000746	Performance Indicator Verification	
Inservice Inspection - PV (U1)						1
1	10/16/2023	10/27/2023	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
License Renewal Inspection (Phase 1) - PV U1						2
1	10/23/2023	10/27/2023	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09						2
1,2,3	10/30/2023	11/3/2023	IP 71130.01	000733	Access Authorization	
1,2,3	10/30/2023	11/3/2023	IP 71130.02	000734	Access Control	
1,2,3	10/30/2023	11/3/2023	IP 71130.09	001656	Security Plan Changes	
1,2,3	10/30/2023	11/3/2023	IP 71151	001338	Performance Indicator Verification	
RP 5,8 -						2

Site Inspection Activity Plan

1,2,3	11/13/2023	11/17/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2,3	11/13/2023	11/17/2023	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Age-Related Engineering Inspection - 21N - Palo Verde						3
1,2,3	1/29/2024	2/2/2024	IP 71111.21N.04		Age Related Focused Engineering Inspection	
1,2,3	2/12/2024	2/16/2024	IP 71111.21N.04		Age Related Focused Engineering Inspection	
EP Program & PI Inspection (2024) - PV						1
1,2,3	3/18/2024	3/22/2024	IP 71114.02	000717	Alert and Notification System Testing	
1,2,3	3/18/2024	3/22/2024	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2,3	3/18/2024	3/22/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2,3	3/18/2024	3/22/2024	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2,3	3/18/2024	3/22/2024	IP 71151	001397	Performance Indicator Verification	
PV 2024 INITIAL EXAM						6
1,2,3	3/24/2024	3/30/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2,3	4/28/2024	5/4/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Inservice Inspection - PV (U3)						1
3	4/8/2024	4/19/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,3,PI						2
1,2,3	4/15/2024	4/19/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2,3	4/15/2024	4/19/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2,3	4/15/2024	4/19/2024	IP 71151	000746	Performance Indicator Verification	