



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

August 22, 2023

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

**SUBJECT: PALO VERDE NUCLEAR GENERATING STATION – BIENNIAL PROBLEM  
IDENTIFICATION AND RESOLUTION INSPECTION REPORT 05000528/2023010  
AND 05000529/2023010 AND 05000530/2023010**

Dear Adam Heflin:

On July 14, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed a problem identification and resolution inspection at your Palo Verde Nuclear Generating Station and discussed the results of this inspection with Cary Harbor, Vice President, Nuclear Regulatory & Oversight, and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspection team reviewed the station's problem identification and resolution program and the station's implementation of the program to evaluate its effectiveness in identifying, prioritizing, evaluating, and correcting problems, and to confirm that the station was complying with NRC regulations and licensee standards for problem identification and resolution programs. Based on the samples reviewed, the team determined that your staff's performance in each of these areas adequately supported nuclear safety.

The team also evaluated the station's processes for use of industry and NRC operating experience information and the effectiveness of the station's audits and self-assessments. Based on the samples reviewed, the team determined that your staff's performance in each of these areas adequately supported nuclear safety.

Finally, the team reviewed the station's programs to establish and maintain a safety conscious work environment, and interviewed station personnel to evaluate the effectiveness of these programs. Based on the team's observations and the results of these interviews the team found your organization has a safety conscious work environment. Your employees appeared willing to raise nuclear safety concerns through at least one of the several means available.

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

A. Heflin

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Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Agrawal', with a stylized flourish at the end.

Signed by Agrawal, Ami  
on 08/22/23

Ami N. Agrawal, Team Leader  
Inspection Programs and Assessment Team  
Division of Operating Reactor Safety

Docket No. 05000528 05000529 and 05000530  
License Nos. NPF-41 and NPF-51 and NPF-74

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV

PALO VERDE NUCLEAR GENERATING STATION – BIENNIAL PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION REPORT 05000528/2023010 AND 05000529/2023010 AND 05000530/2023010 DATED AUGUST 22, 2023.

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DOCUMENT NAME: PALO VERDE NUCLEAR GENERATING STATION – BIENNIAL PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION REPORT

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**ADAMS ACCESSION NUMBER: ML23230A063**

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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: 05000528/2023010, 05000529/2023010, and 05000530/2023010

Enterprise Identifier: I-2023-010-0003

Licensee: Arizona Public Service Company

Facility: Palo Verde Nuclear Generating Station

Location: Tonopah, AZ

Inspection Dates: June 26, 2023, to July 14, 2023

Inspectors: D. Dodson, Senior Reactor Inspector  
D. Childs, Resident Inspector  
E. Lantz, Resident Inspector  
B. Tharakan, Technical Assistant

Approved By: Ami N. Agrawal, Team Leader  
Inspection Programs and Assessment Team  
Division of Operating Reactor Safety

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a biennial problem identification and resolution 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) 2515, "Light-Water Reactor Inspection Program - Operations Phase." 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.

## **OTHER ACTIVITIES – BASELINE**

### 71152B - Problem Identification and Resolution

#### Biennial Team Inspection (IP Section 03.04) (1 Sample)

- (1) The inspectors performed a biennial assessment of the effectiveness of the licensee's problem identification and resolution program, use of operating experience, audits and self-assessments, and safety conscious work environment.
  - **Problem Identification and Resolution Effectiveness:** The inspectors assessed the effectiveness of the licensee's problem identification and resolution program in identifying, prioritizing, evaluating, and correcting problems. The team also evaluated the station's compliance with NRC regulations and licensee standards for corrective action programs. The inspectors sampled over 300 condition reports and their associated cause evaluations, as applicable. The inspectors also conducted a five-year review of the emergency diesel generator and low-pressure safety injection systems. These reviews included failures, maintenance issues; surveillances; corrective and preventive maintenance; reliability; and maintenance rule performance. Additionally, inspectors reviewed findings and violations issued during the biennial assessment period.
  - **Operating Experience:** The inspectors assessed the effectiveness of the licensee's processes for use of operating experience.
  - **Self-Assessments and Audits:** The inspectors assessed the effectiveness of the licensee's identification and correction of problems identified through review of audits and self-assessments.
  - **Safety Conscious Work Environment:** The inspectors assessed the effectiveness of the station's programs to establish and maintain a safety conscious work environment.

## INSPECTION RESULTS

Assessment	71152B
<b>Corrective Action Program Effectiveness</b>	
<p>Based on the samples reviewed, the inspectors determined that the licensee's corrective action program was adequate and supported nuclear safety. However, the inspectors noted some areas for increased focus and attention, including some minor current performance issues. Specifically, the inspectors noted minor current performance challenges in the areas of problem identification, problem prioritization and evaluation, effectiveness of corrective actions, and safety conscious work environment.</p>	
<u>Problem Identification</u>	
<p>The inspectors found that the licensee was generally identifying and documenting problems at an appropriately low threshold that supported nuclear safety. During the approximate 28-month period being assessed by the inspectors, the licensee entered approximately 5,000 condition reports into the corrective action program as conditions adverse to quality and approximately 32,000 total condition reports. The inspectors identified a related minor performance deficiency associated with the licensee failing to adequately identify a condition adverse to quality in the corrective action program; this minor performance deficiency is documented later in this report.</p>	
<u>Problem Prioritization and Evaluation</u>	
<p>The inspectors found that the licensee was adequately prioritizing and evaluating problems; however, the inspectors identified recent challenges associated with classification of conditions as conditions adverse to quality. Specifically, issues are sometimes being excluded from the corrective action program as a result of inadequate evaluations that determine the issues are not conditions adverse to quality. Although procedures adequately and broadly define conditions adverse to quality—a condition adverse to quality is defined broadly by the licensee in procedure 01DP-0AP12, "Condition Reporting Process," as a deficiency in an item that falls within the current licensing bases—individuals performing evaluations are applying a much more narrow definition of a condition adverse to quality and inappropriately excluding some issues from the corrective action program..</p> <p>The inspectors identified one minor performance deficiency with five examples in this area; this performance deficiency is documented later in this report. Additionally, the inspectors noted that the NRC documented other performance deficiencies of a similar nature during the assessment period. For example, NCV 2021001-01, "Failure to Correctly Classify a Condition Adverse to Quality Associated with Turbine Driven Auxiliary Feed Water Pump" further illustrates challenges in this area.</p>	
<u>Effectiveness of Corrective Actions</u>	
<p>The inspectors concluded that the station is adequately developing effective corrective actions and timely implementing those actions for the problems evaluated in the corrective action program, commensurate with their safety significance. However, the inspectors identified recent challenges associated with the condition reporting process procedure not requiring robust justification for some evaluation and corrective action item changes. Specifically, guidance on cancelling a corrective action to preclude repetition, for changing</p>	

the level of an evaluation, and cancelling a condition report, which is primarily found in the condition reporting process procedure, is not robust.

The team noted a few illustrative observations including a minor violation and a minor performance deficiency in this area. Specifically, the inspectors noted that station procedures do not articulate what the Corrective Action Review Board must consider or what level of justification to document when cancelling a corrective action to preclude repetition. As a result, the licensee remains susceptible to inadvertently undoing portions of corrective actions and corrective actions to preclude repetition without robust management oversight or evaluation. The inspectors documented one minor violation of Title 10 of the Code of Federal Regulations (10 CFR), Part 50, Appendix B, Criterion XVI, "Corrective Action," for the licensee's failure to adequately correct a condition adverse to quality. This minor violation is documented later in this report.

Additionally, the inspectors noted that justification for changing the level of an evaluation is not clearly defined by procedures or other guidance. As a result, the licensee remains susceptible to downgrading some evaluations without robust management oversight or evaluation. The inspectors documented one minor performance deficiency associated with the licensee downgrading an evaluation and not performing extent of condition activities. This minor performance deficiency is also documented later in this report.

Assessment	71152B
<u>Audits and Self-Assessments</u>	
<p>The inspectors reviewed a sample of Palo Verde Nuclear Generating Station's self-assessments and audits to assess whether performance trends were regularly identified and effectively addressed. The inspectors also reviewed audit reports to assess the effectiveness of assessments in specific areas. Overall, the inspectors concluded that the licensee had an adequate departmental self-assessment and audit process.</p>	

Assessment	71152B
<u>Use of Operating Experience</u>	
<p>The team reviewed a variety of sources of operating experience including part 21 notifications and other vendor correspondence, NRC generic communications, and publications from various industry groups including INPO and EPRI. The team determined that Palo Verde Nuclear Generating Station is adequately screening and addressing issues identified through operational experience that apply to the station, and this information is being evaluated in a timely manner once it is received.</p>	

Assessment	71152B
<u>Safety Conscious Work Environment</u>	
<p>The inspectors conducted safety conscious work environment focus group interviews with approximately 76 individuals from various departments and organizations across the site including: non-licensed operators; maintenance; engineering; security; fire protection; radiation protection; chemistry; and emergency preparedness. The inspectors also observed interactions between employees during routine meetings; interviewed the Employee Concerns Program lead; reviewed the results of the latest safety culture surveys and case files that relate to safety conscious work environment; and evaluated anonymous condition</p>	



reports. Based upon all these interviews, observations, and document reviews, the inspectors concluded that the station has a safety conscious work environment—the vast majority of individuals indicated that they would raise safety concerns without fear of retaliation. However, a couple individuals did not feel this way.

The inspectors noted some facts and indicators that demonstrate there may be a need for station focus and attention to ensure the station's safety conscious work environment does not degrade. Specifically, some staff from the security and fire protection departments expressed trust concerns with certain leaders during the assessment period. Additionally, some security personnel expressed concern about resolution of some low-level issues, some indicated they received inconsistent messages from leaders regarding entering repetitive low-level issues into the corrective action program, and some indicated that security leaders often minimize issues raised by security officers. Next, some individuals in security, radiation protection, emergency preparedness, and chemistry perceive that some leaders respond negatively when repetitive low-level non-safety issues are identified; some individuals from these groups indicated that they would avoid bringing concerns up to some leaders in these departments. Nonetheless, personnel indicated that they would bring up concerns via various methods and to various levels and parts of the organization without fear of retaliation.

The inspectors noted some additional observations associated with areas that can have an impact on individuals' willingness to bring up concerns without fear of retaliation. Specifically, staff from operations, security, and the radiation protection, chemistry, and emergency planning departments expressed pessimism about some concerns being addressed timely or at all. For example, non-licensed operators indicated that they sometimes must "plead" to get some issues important to them corrected, security staff indicated they have difficulty getting some things corrected until there is a more significant issue, and staff from maintenance, radiation protection, and chemistry view the corrective action program as effective for production-related issues, but not necessarily other types of issues. Interviewed staff indicated that their pessimism about some concerns being addressed timely or at all may impact whether repetitive concerns are entered into the corrective action program. Additionally, the majority of groups interviewed perceive that there are resource issues at the site that are affecting timely follow-up on some low-level deficiencies. Finally, the team also noted there were 236 anonymous condition reports in the 28-month assessment period. This could be indicative of some individuals lacking trust in others within the organization.

Minor Performance Deficiency	71152B
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Minor Performance Deficiency: The inspectors identified a minor performance deficiency associated with the licensee failing to adequately document a concern in the corrective action program. Specifically, Procedure 01DP-0AP12, "Condition Reporting Process," Revision 41, Section 4.2.1, states, "use the [Condition Report] Process to document conditions, issues, or concerns identified at Palo Verde. Submit a separate [condition report] for each unrelated issue." Contrary to the above, personnel failed to use the condition reporting process to document a condition adverse to quality identified at Palo Verde. Specifically, the licensee noted during a post-outage review of 1R23 that corrective maintenance work order 5326843 to test and replace a fast bus transfer selector switch for a root cause corrective action was inadvertently dropped from an outage schedule and not completed. The inspectors identified that the licensee failed to document the dropped corrective maintenance work scope in a condition report. The inspectors confirmed the work had been appropriately scheduled for the next outage, 1R24. The licensee entered this performance deficiency into the corrective action program as condition report (CR) 23-07330.

Screening: The inspectors determined the performance deficiency was minor. The inspectors determined the performance deficiency did not adversely affect a cornerstone objective, would not lead to a more significant safety concern if left uncorrected, and could not reasonably be viewed as a precursor to a significant event. Specifically, the performance deficiency resulted in a delay of the corrective maintenance; however, the work had been appropriately scheduled for the next outage, 1R24, and did not otherwise meet the threshold for more than minor.

Minor Performance Deficiency	71152B
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Minor Performance Deficiency: The inspectors identified four examples of a minor performance deficiency associated with the licensee failing to adequately classify four conditions adverse to quality. Specifically, condition reports associated with emergency diesel generator jacket water heat exchanger leakage (CR 23-06710), emergency diesel generator train B oil leakage (CR 23-03459), design changes to address continued overflow of scuppers and drains at the 100-foot elevation of the main steam support structure building (CR 21-00533), and a scratched emergency diesel generator slip ring (CR 22-06115) were not appropriately classified as conditions adverse to quality. The licensee established procedure 01DP-0AP12, "Condition Reporting Process," Section 4.5.1.C, which states, "The [condition report] shall be classified based on the plant impact and compliance with the licensing basis while the event was occurring." Contrary to the above, the four condition reports were not classified based on the plant impact and compliance with the licensing basis while the event was occurring. The licensee entered these performance deficiency examples into the corrective action program as CR 23-07136.

Screening: The inspectors determined all the examples of the performance deficiency were minor. The inspectors determined that the performance deficiency examples did not adversely affect a cornerstone objective, would not lead to more significant safety concerns if left uncorrected, and could not reasonably be viewed as precursors to a significant event.

Minor Performance Deficiency	71152B
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Minor Performance Deficiency: The inspectors identified a minor performance deficiency associated with the licensee inappropriately downgrading an evaluation without adequately justifying why an extent of condition was not necessary. Specifically, procedure 01DP-0AP12, "Condition Reporting Process," Revision 44, Appendix G, "Level 3 No Formal Cause Analysis Evaluation," Section 1.1 states, "If the Screening Committee completed a Level of Effort Checklist, then perform the actions as recommended by the Screening Committee...If an Extent of Condition was required, then generate Level 2 work activities to correct any extent of condition." Contrary to this procedure, an extent of condition review was not completed. Specifically, the Screening Committee completed a Level of Effort Checklist associated with CR 23-02640, which was written in response to security-related NCV 2023402-01, and the Level of Effort Checklist required a level 2 evaluation and an extent of condition review. However, the level 2 evaluation was downgraded to a level 3 evaluation, which did not recommend an extent of condition review, and an extent of condition review was not completed. As a result, the licensee's procedure changes to address NCV 2023402-01 were narrowly focused and failed to address the extent of condition. Specifically, the inspectors identified additional extent of condition concerns that needed to be evaluated and addressed. The licensee entered this performance deficiency in the corrective action program as CR 23-07172 and CR 23-07191.

Screening: The inspectors determined the performance deficiency was minor. The inspectors determined the performance deficiency did not adversely affect a cornerstone objective, would not lead to a more significant safety concern if left uncorrected, and could not reasonably be viewed as a precursor to a significant event. Specifically, the failure to perform an extent of condition did not result in any additional deficiencies, and the inspectors did not identify additional examples of the extent of condition concern.

Minor Violation

71152B

Minor Violation: The inspectors identified a minor violation of 10 CFR Part 50, Appendix B, Criterion XVI, "Corrective Action," which requires, in part, that measures shall be established to assure that conditions adverse to quality, such as failures, malfunctions, deficiencies, deviations, defective material and equipment, and nonconformances are promptly corrected." Contrary to the above, measures were not established to assure that deficiencies were promptly corrected. Specifically, the licensee removed from Training Program Descriptions formal portions of corrective actions to preclude repetition associated with designing and developing training for systematic problem solving and decision-making methodology techniques. The station documented CR 23-07331 to capture the issue.

Screening: The inspectors determined the performance deficiency was minor. The inspectors determined the performance deficiency did not adversely affect a cornerstone objective, would not lead to a more significant safety concern if left uncorrected, and could not reasonably be viewed as a precursor to a significant event. Specifically, the licensee was still implementing less formal training associated with systematic problem solving and decision-making methodology techniques to be used by engineering and other appropriate site organizations.

Enforcement: This failure to comply with 10 CFR Part 50, Appendix B, Criterion XVI constitutes a minor violation that is not subject to enforcement action in accordance with the NRC's Enforcement Policy.

## EXIT MEETINGS AND DEBRIEFS

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

- On July 14, 2023, the inspectors presented the biennial problem identification and resolution 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
71152B	Corrective Action Documents	CR	08-00175; 09-00123; 10-00322; 11-00107; 11-00249; 16-02353; 16-14791; 18-02901; 18-05148; 18-05477; 18-06820; 18-08748; 18-13970; 18-18313; 18-18953; 19-02640; 19-09751; 19-11146; 19-11892; 19-16419; 19-16869; 19-16924; 19-17083; 19-18048; 19-18397; 19-18776; 20-02092; 20-02912; 20-03387; 20-04121; 20-05040; 20-05143; 20-06409; 20-09705; 20-10264; 20-12004; 20-12271; 20-12278; 20-12972; 20-13034; 20-00013; 21-00183; 21-00533; 21-01246; 21-01618; 21-01940; 21-02178; 21-02209; 21-02212; 21-02344; 21-02412; 21-02463; 21-02533; 21-02590; 21-02623; 21-02908; 21-03062; 21-03308; 21-03309; 21-03390; 21-03416; 21-03483; 21-03485; 21-03539; 21-03545; 21-03547; 21-03589; 21-03602; 21-03656; 21-03744; 21-04114; 21-04146; 21-04147; 21-04450; 21-04458; 21-04852; 21-05212; 21-05394; 21-05449; 21-06018; 21-06019; 21-06337; 21-06525; 21-06710; 21-06865; 21-06867; 21-06869; 21-07224; 21-07643; 21-08106; 21-08189; 21-08402; 21-08551; 21-08604; 21-08905; 21-08906; 21-09055; 21-09152; 21-09771; 21-09825; 21-09859; 21-10081; 21-10219; 21-10323; 21-10392; 21-10826; 21-10960; 21-11051; 21-11200; 21-11205; 21-11248; 21-11975; 21-12436; 21-12486; 21-12511; 21-12538; 21-12539; 21-12543; 21-12623; 21-13269; 21-13637; 21-13934; 21-14210; 21-14242; 21-14306; 21-14311; 21-14465; 21-14595; 21-15054; 21-15273; 22-00155; 22-00399; 22-00575; 22-00873; 22-00933; 22-00938; 22-01037; 22-01098; 22-01181; 22-01284; 22-01925; 22-02013; 22-02014; 22-02049; 22-02101; 22-02105; 22-02132; 22-02133; 22-02156; 22-02165; 22-02167; 22-02168; 22-02219; 22-02251; 22-02265; 22-02342; 22-02426; 22-02573; 22-02654; 22-02658; 22-02939; 22-03044; 22-03277; 22-03640; 22-03752; 22-04145; 22-04853; 22-05012; 22-05024; 22-05297; 22-05384; 22-05436; 22-05439; 22-05440; 22-05442; 22-05794;	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			22-05798; 22-05827; 22-06017; 22-06114; 22-06115; 22-06421; 22-06422; 22-06515; 22-06529; 22-06682; 22-06690; 22-06691; 22-06848; 22-06909; 22-06910; 22-06911; 22-06912; 22-06914; 22-06920; 22-07068; 22-07203; 22-07217; 22-07222; 22-07247; 22-07259; 22-07263; 22-07296; 22-07480; 22-08127; 22-08171; 22-08200; 22-08517; 22-08570; 22-08608; 22-08758; 22-09187; 22-09196; 22-09218; 22-09304; 22-09418; 22-09304; 22-09418; 22-09799; 22-10611; 22-10738; 22-11140; 22-11747; 22-11864; 22-12022; 22-12062; 22-12207; 22-12308; 22-12355; 22-12459; 22-12484; 22-12592; 22-12700; 22-12977; 22-13025; 22-13061; 22-13136; 22-13218; 22-13423; 22-13489; 22-13493; 22-13612; 22-13622; 23-00314; 23-00318; 23-00474; 23-00505; 23-00523; 23-00754; 23-00896; 23-01022; 23-01191; 23-01378; 23-01440; 23-01673; 23-02056; 23-02163; 23-02459; 23-02532; 23-02640; 23-02726; 23-02828; 23-02971; 23-02982; 23-03157; 23-03200; 23-03459; 23-03477; 23-03479; 23-03555; 23-03652; 23-03761; 23-03762; 23-03765; 23-03892; 23-03955; 23-04556; 23-04566; 23-04747; 23-04919; 23-05011; 23-05014; 23-05379; 23-05990; 23-05992; 23-06128; 23-06262; 23-06297; 23-06341; 23-06367; 23-06406; 23-06418; 23-06425; 23-06441; 23-06465; 23-06475; 23-06552; 23-06710; 23-06821; 23-06897; 23-06918; 23-06919; 23-06920	
71152B	Corrective Action Documents Resulting from Inspection	CR	23-06870; 23-06872; 23-06892; 23-06893; 23-06895; 23-06897; 23-06918; 23-06919; 23-06920; 23-07136; 23-07139; 23-07140; 23-07141; 23-07142; 23-07143; 23-07144; 23-07145; 23-07146; 23-07147; 23-07172; 23-07191; 23-07226; 23-07227; 23-07301; 23-07303; 23-07328; 23-07330; 23-07331; 23-07543	
71152B	Drawings	01-M-SIP-001	P&I Diagram Safety Injection & Shutdown Cooling System	63
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71152B	Miscellaneous		Engineering Training Schedule Six Year 2023-2028	01/04/2023
71152B	Miscellaneous		Shift Manager Training Program Description	40

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71152B	Miscellaneous		Engineering Training Program Description	66
71152B	Miscellaneous		DG System Health Report 2022 Q1	
71152B	Miscellaneous		DG System Health Report 2022 Q2	
71152B	Miscellaneous		DG System Health Report 2022 Q3	
71152B	Miscellaneous		DG System Health Report 2022 Q4	
71152B	Miscellaneous		Unit 1 control room logs, July 2018 - June 2023	
71152B	Miscellaneous		Unit 2 control room logs, July 2018 - June 2023	
71152B	Miscellaneous		Unit 3 control room logs, July 2018 - June 2023	
71152B	Miscellaneous		Maintenance Rule - Emergency Diesel Generator 5 Year Lookback	
71152B	Miscellaneous		Engineering Walkdown Report - EDG 1B	06/21/2023
71152B	Miscellaneous		Engineering Walkdown Report - EDG 2B	06/23/2023
71152B	Miscellaneous		Engineering Walkdown Report - EDG 3B	06/19/2023
71152B	Miscellaneous		Engineering Walkdown Report - EDG 1A	01/31/2023
71152B	Miscellaneous		Engineering Walkdown Report - EDG 2A	01/04/2023
71152B	Miscellaneous		Engineering Walkdown Report - EDG 3A	02/01/2023
71152B	Miscellaneous		APS Employee Experience Survey	Q3 2022
71152B	Miscellaneous		ECP Logs	
71152B	Miscellaneous		Nuclear Safety Culture Assessment Summary	
71152B	Miscellaneous		Shift Manager Training Program Description	25
71152B	Miscellaneous		Engineering Training Program Description	30
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71152B	Miscellaneous		LI System Health Report - First Half 2021	
71152B	Miscellaneous		LI System Health Report - Second Half 2022	
71152B	Miscellaneous		PVNGS Operations Quality Assurance Program Description (QAPD)	1 and 2
71152B	Miscellaneous		APS Employee Experience Survey	Q3 2021
71152B	Miscellaneous	01DP-0AP12-02	Corrective Action Review Board Administrative Guideline	7
71152B	Miscellaneous	AN-1	Mentoring Guide AN-1 Problem Solving Skills	07/16/2020
71152B	Miscellaneous	Audit 2021-002	Nuclear Assurance Department (NAD) Audit Report, Engineering Programs	0
71152B	Miscellaneous	Audit 2021-003	Nuclear Assurance Department (NAD) Audit Report, Fire Protection	0

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71152B	Miscellaneous	Audit 2021-004	Nuclear Assurance Department (NAD) Audit Report, Radiation Safety	1
71152B	Miscellaneous	Audit 2022-002	Nuclear Assurance Department (NAD) Audit Report, Nuclear Fuels	1
71152B	Miscellaneous	Audit 2022-003	Nuclear Assurance Department (NAD) Audit Report, Operations and Chemistry	0
71152B	Miscellaneous	Audit 2022-006	Corrective Action	0
71152B	Miscellaneous	Audit 2022-008	Nuclear Assurance Department (NAD) Audit Report, Training and Qualification	0
71152B	Miscellaneous	Audit 2023-002	Nuclear Assurance Department (NAD) Audit Report, Engineering Programs	0
71152B	Miscellaneous	CR Screening AI SDD	CR Screening AI [Software Design Description]	0
71152B	Miscellaneous	CR Screening AI SRS	CR Screening AI [Software Requirements Specification]	0
71152B	Miscellaneous	CR Screening AI SRS	CR Screening AI [Software Requirements Specification]	1
71152B	Miscellaneous	CRDR 3064675		
71152B	Miscellaneous	CRDR 3078032		
71152B	Miscellaneous	ECP Files	202000031; 202000032; 202000033; 202200005; 202200011; 202200015; 202200017; 202200018; 202200019; 202200026; 202200034; 202300004; 202300005; 202300010; 202300021	
71152B	Miscellaneous	EDG 01	Engineering Human Performance Tools	15
71152B	Miscellaneous	NGP24-X-0009-01	Engineering Professional Studies - Q3 2022	10/04/2022
71152B	Miscellaneous	NGP24X000701	Engineering Professional Studies - Winter 2021	11/04/2021
71152B	Miscellaneous	NLO02-07-010	Mentoring Guide - AN-1 Problem Solving Skills	06/13/2008
71152B	Miscellaneous	NLR22S050401	Static Scenario	11/17/2022
71152B	Miscellaneous	NLR23S030200	Loss of Charging or Letdown	04/28/2023
71152B	Miscellaneous	NLR23S030500	NLR30 EC Refresher Training	05/12/2023
71152B	Miscellaneous	S-20-0055	10 CFR 50.59 Screening/Evaluation	0
71152B	Miscellaneous	S-21-0004	10 CFR 50.59 Screening/Evaluation	0
71152B	Miscellaneous	S-21-0045	10 CFR 50.59 Screening/Evaluation	0

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71152B	Procedures	01DP-0AP12	Condition Reporting Process	42
71152B	Procedures	01DP-0AP12	Condition Reporting Process	41
71152B	Procedures	01DP-0AP12	Condition Reporting Process	38
71152B	Procedures	01DP-0AP12	Condition Reporting Process	44
71152B	Procedures	01DP-0AP12-01	Condition Reporting Process Administrative Guideline	19
71152B	Procedures	01DP-0AP12-03	Cause Analysis Manual	3
71152B	Procedures	20DP-0SK40	Access Authorization	47
71152B	Procedures	20DP-0SK41	Security Event Reporting	24
71152B	Procedures	65DP-0QQ01	Industry Operating Experience Review	44
71152B	Self-Assessments		Integrated Performance Assessment Report - Chemistry 2nd Half 2021	02/23/2022
71152B	Self-Assessments		Integrated Performance Assessment Report - Maintenance 2nd Half 2021	03/04/2022
71152B	Self-Assessments		Integrated Performance Assessment Report - Security	03/22/2023
71152B	Self-Assessments		Integrated Performance Assessment Report - Radiation Protection 2nd Half 2021	02/11/2022
71152B	Self-Assessments		Organizational Health Quarterly Report - 1st Quarter 2023	05/05/2023
71152B	Self-Assessments		Integrated Performance Assessment Report - Fire Protection 2022 End-Of-Year	02/14/2023
71152B	Self-Assessments		Integrated Performance Assessment Report - Palo Verde Fire Department	02/09/2022
71152B	Self-Assessments		Integrated Performance Assessment Report - Security	08/11/2022
71152B	Work Orders		5326843; 5353001; 5388844; 5434136; 5424137; 5424138; 5424139; 5424140; 5424141; 5424142; 5424143; 5424144; 5424145; 5424146; 5424147; 5442297; 5532150; 5445809; 5445810; 5445811; 5450939; 5450940; 5450941; 5450942; 5466938; 5467046; 5161922; 5181631; 5181632; 5350811; 5512861; 5539603	