

# CONTROLLED DOCUMENT

## NUCLEAR ADMINISTRATIVE AND TECHNICAL MANUAL

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### CORRECTIVE ACTION PROGRAM

60PR-0QQ01

Revision  
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### PROCEDURE INTENT

This procedure describes the PVNGS Corrective Action Program implemented to meet the requirements of 10CFR50, Appendix B, Criteria 15 and 16, ANSI N18.7 - 1976 and PVNGS Updated FSAR, Section 17.2.

EFFECTIVE DATE 02-03-95

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## 1.0 PURPOSE AND SCOPE

### 1.1 Purpose

This program establishes measures to ensure that conditions which adversely affect the safe, reliable, and economic production of electricity (referred to as Adverse Conditions), such as failures, malfunctions, deficiencies, deviations, defective material and equipment, and nonconformances are promptly identified, documented, controlled, corrected, verified and closed.

This program also establishes measures to ensure that conditions which significantly affect the safe, reliable, and economic production of electricity (referred to as Significant Adverse Conditions) are investigated to determine and document cause and appropriate corrective action(s) to prevent recurrence and are reported to the appropriate level of management.

### 1.2 Scope

This program applies to all personnel working at PVNGS and to any structure, system, component, process or program that is used in the production of electricity or to ensure the health and safety of on-site personnel and the public.

The processes used at PVNGS to implement the Corrective Action program include the following:

- Control of Work (Hardware Conditions)
- Control of Purchased Material, Equipment, and Services (warehouse and vendor)
- Condition Reporting (Non-hardware and significant adverse conditions)

The relationship of the Regulatory Requirements and the Program Documents and the Administrative Control Procedures are shown in Appendix A.

## 2.0 RESPONSIBILITIES

### 2.1 Executive Vice President

The Executive Vice President, Nuclear, is responsible for the establishment of programs for the reporting and correction of adverse conditions.

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#### 2.2 Vice Presidents and Directors

Vice Presidents and Directors are responsible for assuring that Adverse and Significant Adverse Conditions under their jurisdiction are promptly identified, documented, controlled, corrected, verified and closed in accordance with the appropriate corrective action process.

Vice Presidents and Directors are also responsible for assuring that the cause of Significant Adverse Conditions have been identified, that appropriate corrective actions have been taken to prevent recurrence, and that a verification process is implemented, prior to condition closure, to ensure that these actions have occurred and are documented.

#### 2.3 Director, Nuclear Assurance

The Director, Nuclear Assurance, is responsible for the efficiency, quality, and effectiveness of the Corrective Action program including the following:

- Reviewing and concurring with all procedures for reporting, controlling, and correcting Adverse and Significant Adverse Conditions in accordance with this program.
- Concurring with the dispositions to Significant Adverse Conditions.
- Trending Significant Adverse Conditions.
- Reporting to management observed weaknesses.

#### 2.4 Strategic Analysis Department Leader

The Nuclear Assurance Strategic Analysis Department Leader is responsible for overall coordination and implementation of the Condition Reporting process as the "Process Owner".

#### 2.5 Maintenance Support Department Leader

The Maintenance Support Department Leader is responsible for overall coordination and implementation of the Work Control process as the "Process Owner."

#### 2.6 Material and Contract Services Department Leader

The Material and Contract Services Department Leader is responsible for the overall coordination and implementation of the Warehouse Discrepancy System as the "Process Owner."

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#### 2.7 Engineering Assurance Department Leader

The Nuclear Assurance Engineering Department Leader is responsible for overall coordination and implementation of the Vendor Corrective Action Program as the "Process Owner."

#### 2.8 Nuclear Regulatory Affairs Department Leader

The Nuclear Regulatory Affairs Department Leader is responsible for ensuring that problems identified as potentially reportable through the corrective action program are evaluated in a timely manner.

#### 2.9 All PVNGS Employees

All PVNGS Employees are responsible for promptly identifying and reporting safety and quality deficiencies to their supervisors and clearly documenting deficiencies in accordance with programs identified in this procedure.

### 3.0 POLICY

#### 3.1 Requirements

##### 3.1.1 Adverse Conditions

Administrative controls and associated implementing procedures used in the corrective action process shall contain the following requirements for resolving Adverse Conditions:

1. Prompt identification, documentation, control, correction and closure of the Adverse Condition.
2. Verification to determine that the Adverse Condition has been corrected.
3. Review for reportability to the NRC and, where determined that potential reportability exists, notification of appropriate management personnel for the purposes of subsequent condition evaluation and reporting.
4. Tagging and segregating (if practical) of nonconforming items until disposition of the nonconformance has been implemented.
5. Approval and justification from the authorized engineering organization for Use-As-Is and Repair dispositions of nonconforming items.
6. Retention of corrective action documentation in accordance with the Document Control Program.

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7. Data analysis, coding, and entry into an appropriate data base for subsequent identification of existing and/or emerging favorable and adverse trends.

#### 3.1.2 Significant Adverse Conditions

In addition to the requirements of section 3.1.1, the resolution of Significant Adverse Conditions shall require the following additional actions.

1. Identification of the cause of the condition and implementation of corrective actions to prevent recurrence.
2. A review by the Off-Site Safety Review Committee of the results of investigations of Significant Adverse Conditions and any recommendations for preventing condition recurrence.
3. Forms used to document Significant Adverse Conditions shall include (at a minimum) information pertaining to the date of identification, the requirement(s) violated, and the organizations notified.
4. Review and concurrence by Nuclear Assurance of the corrective action disposition.
5. Verification to determine that the cause of the Significant Adverse Condition has been identified and that corrective action has been taken to prevent recurrence.
6. Analysis of unplanned reactor trips using an integrated investigation methodology. The investigation process shall include a determination of when the plant can be safely restarted.

#### 4.0 DEFINITIONS AND ABBREVIATIONS

##### 4.1 Adverse Condition

An all-inclusive term used to reference any item or activity that does not conform to requirements. Adverse Condition is synonymous with terms such as failure, malfunction, deficiency, deviation, defective material and equipment, and nonconformances.

##### 4.2 Condition Reporting

A process used for the identification, documentation, evaluation and resolution of conditions which have the potential to affect/or have affected the ability of PVNGS to provide electricity in a safe, reliable and economic manner.

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#### 4.3 Corrective Action

Measures taken to rectify Adverse and Significant Adverse Conditions and, where necessary, prevent their recurrence.

#### 4.4 Deficiency

A general term covering any defect, discrepancy, omission, or lack of conformance to requirements.

#### 4.5 Failure

The inability of an item to perform within previously specified limits.

#### 4.6 Nonconformance (Hardware Related)

A deficiency in characteristic, documentation, or procedure that renders the quality of an item unacceptable or indeterminate. Examples of nonconformance include: physical defects, test failures, incorrect or inadequate documentation, or deviation from prescribed processing, inspection or test procedure. (Specific criteria for nonconforming items are identified in 60AC-0QQ01, Control of Nonconforming Items.)

#### 4.7 Significant Adverse Condition

A Significant Adverse Condition is one that, if uncorrected, significantly affects the safe, reliable, and economic production of electricity. (Specific criteria for Significant Adverse Conditions are identified in 90AC-0IP04, Condition Reporting.)

### 5.0 REFERENCES

#### 5.1 Implementing References

- 5.1.1 02PR-0QQ01, Control of Downgraded and Nonconforming Material
- 5.1.2 12AC-0MC01 - Control of Purchased Material, Equipment and Services
- 5.1.3 30AC-9WP05 - Control of Work
- 5.1.4 60AC-0QQ01 - Control of Nonconforming Items
- 5.1.5 73AC-0RA01 - Failure Data Trending and Nuclear Plant Reliability Data System
- 5.1.6 90AC-0IP04 - Condition Reporting
- 5.1.7 90DP-0IP03 - Condition Report Screening and Processing
- 5.1.8 90DP-0IP06 - Reactor Trip Investigation

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5.1.9 90DP-0IP07 - Significant Condition Investigation

5.1.10 90DP-0IP08 - Adverse Condition Evaluation

### 5.2 Developmental References

5.2.1 10 CFR 50 Appendix B Criteria XV and XVI - Code of Federal Regulations

5.2.2 ANSI N18.7-1976 - Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants.

5.2.3 PVNGS Updated FSAR Revision 6-March 1994  
Updated Final Safety Analysis Report

## 6.0 APPENDICES

6.1 Appendix A - Corrective Action Program



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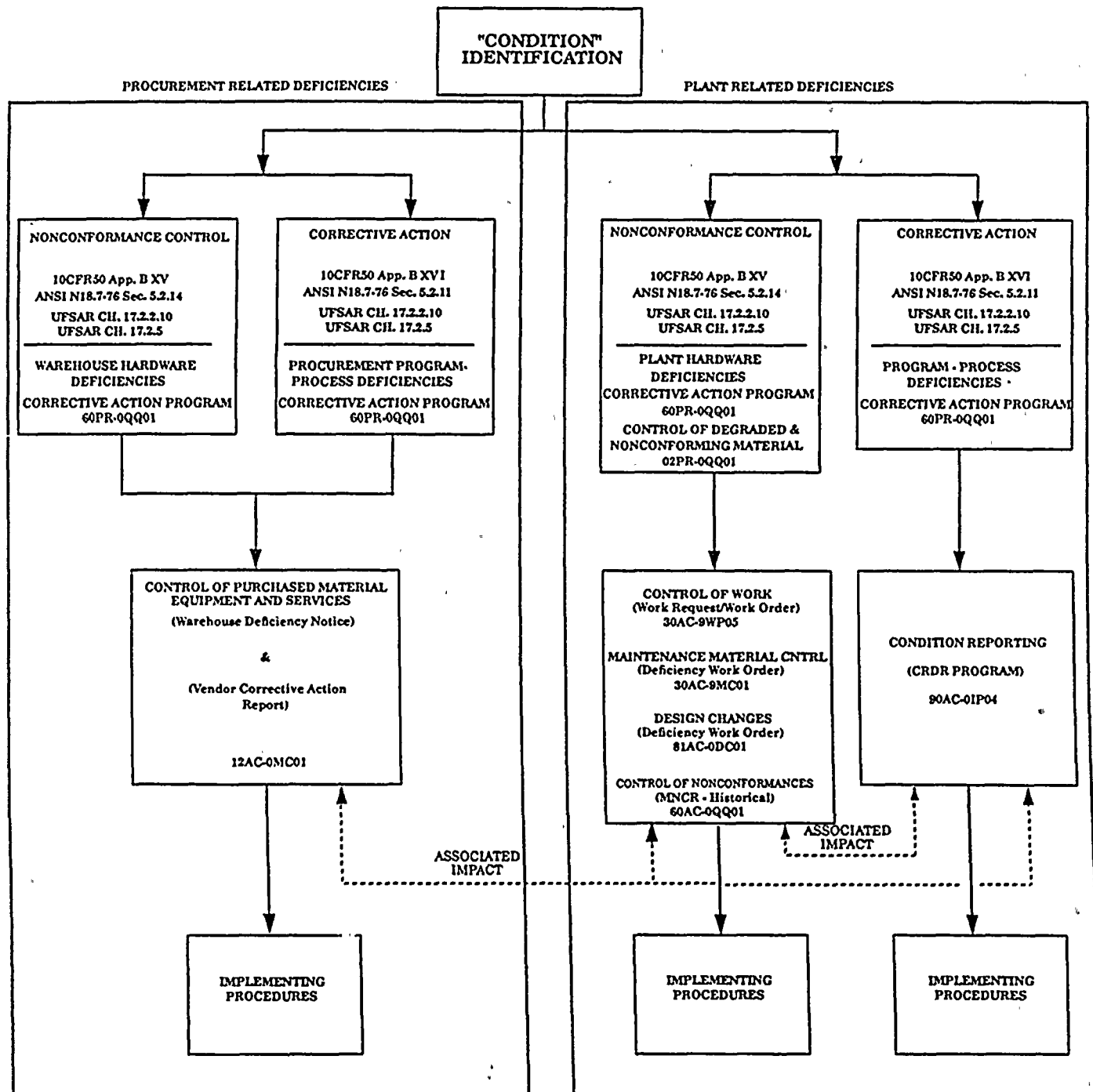
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### PALO VERDE NUCLEAR GENERATING STATION

#### Appendix A - Corrective Action Program



**CONTROLLED DOCUMENT**  
**PROCEDURE ACTION COVER SHEET**

PROCEDURE NO: <b>60PR-00001</b>		TAPA # -	REV # <b>NEW (?)</b>	NIRM Contact for TAPAs Only TIME (if applicable) (EXT 6633)
PROCEDURE TITLE: <b>CORRECTIVE ACTION PROGRAM</b>				
DESCRIPTION OF ACTION: <b>NEW DOCUMENT AT THE PROGRAM LEVEL THAT DESCRIBES THE PUNGS CORRECTIVE ACTION PROGRAM AND HOW THE REQUIREMENTS OF 10CFR50, APPENDIX B, CRITERIA 15 AND 16, ANSI N18.7-1976 AND SECTION 17.2 OF THE UFSAR ARE TO BE IMPLEMENTED.</b>				
ELECTRONICALLY AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		T-MOD # <b>N/A</b>		
PREPARED BY: <b>R. ROUSE</b>	EXT: <b>5662</b>	STA: <b>7997</b>	INTENT CHANGE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO See Step 4.1.10	FULL BASIS CHECK DONE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO See Step 3.1.4
TYPE OF PROCEDURE ACTION: REVISION <input type="checkbox"/> TAPA <input type="checkbox"/> NEW PROCEDURE <input checked="" type="checkbox"/> CANCELLATION <input type="checkbox"/> SUPERSEDED <input type="checkbox"/>				
TEMPORARY APPROVAL SIGNATURES (Refer to Section 3.4)			Place a copy of the temporarily approved procedure action in the assigned pickup box immediately upon completion	
(PRINT) MEMBER PLANT SUPERVISORY STAFF (Step 3.4.2.3)			SIGNATURE	DATE:
(PRINT) ASSISTANT/SHIFT SUPERVISOR (SRO) (Step 3.4.2.9)			SIGNATURE	DATE
<p>1. A CATS DATABASE SEARCH IS REQUIRED FOR ALL PROCEDURE ACTIONS. See Appendix H for details on how to perform a search.</p> <p>2. IF THIS IS AN INTENT CHANGE PROCEDURE ACTION, THEN PERFORM 10CFR50.59 SCREENING AND EVALUATION PER 93AC-0N601.</p> <p>3. A YES MARK IN THE FULL BASIS CHECK BOX WILL RESET THE PERIODIC REVIEW CLOCK (Step 3.3.4).</p> <p style="text-align: right;"><i>done, NO HITS.</i></p>				
Procedure Action Package Documents (Refer to Section 3.2.1.3)				
<input checked="" type="checkbox"/> 50.59 <b>2</b>			Total Pages Turned Over to NIRM (include PAC) <b>13</b>	
<input checked="" type="checkbox"/> QA Document Review Summary <b>1</b>				
<input checked="" type="checkbox"/> Procedure Pages <b>9</b>				
PRINT <b>T.O.K. RAY E. BUZAN</b>	TECHNICAL REVIEWER	<b>R. E. Buzan</b>	SIGNATURE	DATE <b>12/15/94</b> (Refer to Section 3.2.8.4)
PRINT <b>T.R. BRADISH</b>	QA CONCURRENCE (PR and AC only)	<b>T.R. Bradish</b>	SIGNATURE	DATE <b>12/15/94</b> (Refer to Section 3.2.9)
PRINT <b>C.K. SEAMAN</b>	PROCESS OWNER	<b>C.K. Seaman</b>	SIGNATURE	DATE <b>12/15/94</b> (Refer to Section 3.2.10)
<b>2-3-95</b> Effective Date, if requested				

