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 AUTH.NAME AUTHOR AFFILIATION
 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power
 RECIP.NAME RECIPIENT AFFILIATION
 MARTIN,J.B. Region 5, Ofc of the Director

SUBJECT: Forwards list of items considered ^{see response} necessary to complete prior to restart of facility.

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Arizona Public Service Company

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102-01355-WFC/TDS

August 7, 1989

WILLIAM F. CONWAY
EXECUTIVE VICE PRESIDENT
NUCLEAR

8 3:40

Mr. John B. Martin, Regional Administrator
Region V
U. S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368


Dear Sir:

Subject: Unit 3 Restart List
File: 89-056-026

Attachment 1 to this letter identifies those action items I consider necessary to complete prior to the restart of PVNGS Unit 3. The listing is identical to the PVNGS Unit 2 restart list forwarded to you on May 26, 1989 except for the deletion of ten (10) Unit 2 specific actions as described in Attachment 2 and the addition of 27 Unit 3 specific items as described in Attachment 3. You will also note that seventy-three (73) action items are identified as closed. Those items were generic in nature and the actions taken prior to the restart of Unit 2 also addressed Units 1 and 3.

If I can answer any questions, please contact me.

Very truly yours,


William F. Conway
Executive Vice President,
Nuclear

WFC/TDS/kj

Attachment

cc: D. B. Karner
J. G. Haynes
T. L. Chan
T. J. Polich
M. J. Davis
A. C. Gehr

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PDR ADOCK 05000530
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PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 1 Date Due:

Responsible Group: EED Source Of Item: AIT

Description Of Item:

Engineering should determine what corrective actions and/or compensatory measures need to be taken for the ADV's

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 2 Date Due:

Responsible Group: LICENSING Source Of Item: TDS/DRH

Description Of Item:

PREPARE A JCO IF DESIGN RELATED PROBLEMS ARE IDENTIFIED OR CHANGE DESIGN (ADV)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 3 Date Due:

Responsible Group: WORK CONTROL Source Of Item: TDS/DRH

Description Of Item:

APPROPRIATE OPERABILITY TESTING SHALL BE PERFORMED FOR THE ADV's (CAL 3/7)

Closure Documentation Required: WOS FOR 43ST-3SG03&5

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 4 Date Due:

Responsible Group: OPSMGR Source Of Item: TDS/DRH

Description Of Item:

TRAIN OPERATIONS PERSONNEL HOW TO PROPERLY OPERATE ADV'S REMOTELY AND LOCALLY (MANUALLY)

Closure Documentation Required: ROSTER; PRINTOUT

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 5 Date Due:

Responsible Group: WORK CONTROL Source Of Item: TDS/DRH

Description Of Item:

LABEL THE LEFT-HAND AND RIGHT HAND ADV MANUAL OPERATORS, THE INSTRUMENT AIR ISOLATION VALVE AND THE EQUALIZING VALVE

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 6 Date Due:

Responsible Group: LICENSING Source Of Item: TDS/DRH

Description Of Item:

RESOLVE ISSUES CONCERNING THE TYPE OF LIGHTING COMMITTED TO IN THE MSSS AND ENSURE THAT PVNGS COMPLIES WITH THE COMMITMENT

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 8 Date Due:

Responsible Group: MAINTENANCE Source Of Item: TDS/DRH

Description Of Item:

Ensure that lighting preventive maintenance tasks are current

Closure Documentation Required: PM PRINTOUT W/STATUS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 9 Date Due:

Responsible Group: MAINTENANCE Source Of Item: TDS/DRH

Description Of Item:

Ensure that there are no other waived PM's which could affect safe plant operation

Closure Documentation Required: PM PRINTOUT W/STATUS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 10 Date Due:

Responsible Group: MAINTENANCE Source Of Item: TDS/DRH

Description Of Item:

Provide justification for waived PM's.

Closure Documentation Required: PM PRINTOUT W/JUST.

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 11 Date Due:

Responsible Group: U3 RAD. PROT Source Of Item:

Description Of Item:

ENSURE THAT PERSONNEL RESPONSIBLE FOR PERFORMING OFF-SITE DOSE ASSESSMENT CALCULATIONS ARE TRAINED

Closure Documentation Required: RP ROSTER/PRINTOUT

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 13 Date Due:

Responsible Group: WORK CONTROL Source Of Item: TDS/DRH

Description Of Item:

The NAN-S01A, NAN-S02A breakers and the RCP breakers should be cycled a minimum of two times.

Closure Documentation Required: WORK ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 14 Date Due:

Responsible Group: WORK CONTROL Source Of Item: TDS/DRH

Description Of Item:

The alternate supply breakers NAN-S01B and NAN-S02B should be cycled a minimum of two times when busses are transferred to the UAT

Closure Documentation Required: REFER TO RECORD #13

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 15 Date Due:

Responsible Group: MAINTENANCE Source Of Item: TDS/DRH

Description Of Item:

Evaluate 13.8 kv and 4.16 kv circuit breaker PM status. For those breakers which are not up-to-date, either a)conduct the appropriate PM or b)provide technical justification for those PM's which will not be performed

Closure Documentation Required: PM PRINTOUT/STATUS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 16 Date Due:

Responsible Group: OPS MGR Source Of Item: TDS/DRH

Description Of Item:

Interim guidance should be issued to provide instruction on resetting of the RCP 286 relays concerning the matching of handswitch flags to component indicators in situations where the RCP has tripped. (IIR2-1)

Closure Documentation Required: NIGHT ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 17 Date Due:

Responsible Group: QA Source Of Item: Exit

Description Of Item:

Mr Kirsch also stated that QA's role in this process (planning, review of action plans, etc.) must be obvious

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 19 Date Due:

Responsible Group: EED Source Of Item: Exit

Description Of Item:

A review of the history of the performance of Units 1,2, and 3 SBCS quick open signal should be performed

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 21 Date Due:

Responsible Group: TRAINING Source Of Item: Exit

Description Of Item:

Simulator fidelity and simulator training on ADV operation needs to be addressed to ensure realistic information is provided to the operators concerning the operation of the ADVs at power conditions

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 22 Date Due:

Responsible Group: NED Source Of Item: Exit

Description Of Item:

Ensure sufficient vendor involvement with the troubleshooting plans (ADV's)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 23 Date Due:

Responsible Group: OPS MGR Source Of Item: Exit

Description Of Item:

Operator training on ADV operation for both ROs and AOs is to be performed. This training should include the related instrument air and nitrogen system operation. This training needs to be performed on a continuing basis

Closure Documentation Required: ROSTER/PRINTOUT

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 24 Date Due:

Responsible Group: TRAINING Source Of Item: Exit

Description Of Item:

The negative training performed by simulator training needs to be corrected (ADV)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 26 Date Due:

Responsible Group: WORK CONTROL Source Of Item: Exit

Description Of Item:

Label components required for manual operation of the ADVs

Closure Documentation Required: REFER TO RECORD #5

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 27 Date Due:

Responsible Group: WORK CONTROL Source Of Item: Exit

Description Of Item:

Emergency lighting must be installed at the areas required for manual operation of the ADVs

Closure Documentation Required: WO'S INSTALL & TEST

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 29 Date Due:

Responsible Group: WORK CONTROL Source Of Item: Exit

Description Of Item:

Assure any other areas which require local manual operations has sufficient emergency lighting

Closure Documentation Required: WO'S DCP 3FE-QD-023

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 32 Date Due:

Responsible Group: MAINTENANCE Source Of Item: CAL 3/7

Description Of Item:

Ensure confirmation that the emergency lighting is operable

Closure Documentation Required: PM STATUS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 33 Date Due:

Responsible Group: WORK CONTROL Source Of Item: CAL 3/7

Description Of Item:

Ensure confirmation that the steam bypass control system is operable

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 35 Date Due:

Responsible Group: LICENSING Source Of Item: CAL 3/7

Description Of Item:

Conduct a thorough investigation and obtain a full understanding of the Unit 1 March 5, 1989, reactor trip

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 36 Date Due:

Responsible Group: LICENSING Source Of Item: CAL 3/7

Description Of Item:

Define the pre-restart corrective actions needed as a result of the Unit 1 trip

Closure Documentation Required: U3 PRE-RESTART LIST

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 39 Date Due:

Responsible Group: PS&C Source Of Item: CAL3/28

Description Of Item:

Confirm that the reactor coolant pumps' power supplies are reliably ensured

Closure Documentation Required: 43OP-3ZZ04

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 40 Date Due:

Responsible Group: LICENSING Source Of Item: CAL3/28

Description Of Item:

The causes of equipment failure during these events will be determined, to the extent practicable and corrective action will be taken to prevent future occurrences

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 41 Date Due:

Responsible Group: EED/NED Source Of Item: CAL3/28

Description Of Item:

The causes of equipment failure will include a thorough review of the equipment history of these components

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 43 Date Due:

Responsible Group: MGT/U3 Source Of Item: U3 CAL

Description Of Item:

Conduct a thorough investigation and obtain a full understanding of the March 3, 1989, Unusual Event (Unit 3)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 44 Date Due:

Responsible Group: LICENSING Source Of Item: U3 CAL

Description Of Item:

Define the pre-start corrective actions needed as a result of the Unit 3 trip

Closure Documentation Required: U3 PRE-RESTART LIST

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 45 Date Due:

Responsible Group: LICENSING Source Of Item: U3 CAL

Description Of Item:

Define the post-restart corrective actions needed as a result of the Unit 3 trip

Closure Documentation Required: U3 POST RESTART LIST

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 46 Date Due:

Responsible Group: COMPLIANCE Source Of Item: U3 CAL

Description Of Item:

Brief the NRC upon completion of your investigation and will not restart the Palo Verde Unit 3 facility prior to receiving NRC concurrence

Closure Documentation Required: BRIEFING

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 47 Date Due:

Responsible Group: NED Source Of Item: AIT

Description Of Item:

Reassess the design of the electrical distribution network and fast bus transfer scheme due to its apparent susceptibility to generating a loss of power to the reactor coolant pumps. Discuss with NRC.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 48 Date Due:

Responsible Group: LICENSING Source Of Item: AIT

Description Of Item:

Perform an analysis of the findings detailed in the AIT inspection report, identifying the lessons learned and needed improvements

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 49 Date Due:

Responsible Group: LICENSING Source Of Item: AIT

Description Of Item:

Provide the results of your analyses and improvements in writing to the NRC within 30 days of April 20, 1989

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 54 Date Due:

Responsible Group: PS&C Source Of Item: AIT 19

Description Of Item:

Procedural enhancements will be pursued to minimize future water hammer

Closure Documentation Required: 43OP-3ZZ14

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 55 Date Due:

Responsible Group: PS&C Source Of Item: AIT 19

Description Of Item:

Procedural enhancements will be provided to operations personnel to ensure that the uniqueness of the RCP trip circuit design is understood

Closure Documentation Required: 33OP-3RC01

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 61 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 30

Description Of Item:

Ensure ADV positioners are cleaned and checked

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 62 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 30

Description Of Item:

The Instrument Air lines S-Mod required installation of a permanent moisture filter on IA line to the main steam support structure was scheduled to be performed during the upcoming Unit 3 refueling outage

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 63 Date Due:

Responsible Group: NED Source Of Item: AIT 30

Description Of Item:

Review the performance of the IA system during the event and determine corrective action including a determination for the need for accelerating any Generic Letter 88-14 action

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 65 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 32

Description Of Item:

ADV positioners work history revealed that accomplishment of open work orders which effect operability for Unit 3 positioners was planned for the upcoming Unit 3 outage

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 67 Date Due:

Responsible Group: COMPLIANCE Source Of Item: AIT 36

Description Of Item:

The relationship between a valve and its associated controls and indications should be made as simple and clear as possible so that under the stressful conditions that are likely when the RSP is used, operators are not unnecessarily delayed in actions

Closure Documentation Required: LETTER TO FILE

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 70 Date Due:

Responsible Group: MAINT/U Source Of Item: AIT 37

Description Of Item:

All emergency lighting should be maintained in an operable condition

Closure Documentation Required: REFER TO RECORD #32

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 75 Date Due:

Responsible Group: MGT/OPS Source Of Item: AIT 39

Description Of Item:

One of the operators was carrying cutters at the time. The licensee should consider whether these should be made available to AOs, at least for emergencies

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 77 Date Due:

Responsible Group: PS&C Source Of Item: AIT 39

Description Of Item:

Provide the equalizing valve name, number, and location aids in the procedure

Closure Documentation Required: 43DP-30P01

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 78 Date Due:

Responsible Group: EED/PS&C Source Of Item: AIT 50

Description Of Item:

Reexamine the PM program for SBCS and assess needed improvements

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 80 Date Due:

Responsible Group: PS&C

Source Of Item: AIT 52

Description Of Item:

Reexamine practices and procedures for performance of light bulb replacement preventive maintenance tasks.

Closure Documentation Required: REFER TO U2 DOCUMENT

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 81 Date Due:

Responsible Group: EED/NED

Source Of Item: AIT 53

Description Of Item:

Perform a comprehensive analysis of tasks required to be performed in plant areas in the event of blackout and assure that lighting levels are adequate to perform those tasks
not limited to light ingress/egress routes

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

Restart Item: Y Record Number: 84 Date Due:

Responsible Group: EP

Source Of Item: AIT 59

Description Of Item:

The 34 minute delay between the recognition of conditions requiring classification as an Unusual Event and the declaration of Notification of Unusual Event appears excessive. Assess the reasons for this delay and resolve these issues

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 86 Date Due:

Responsible Group: U3 RAD PROT Source Of Item: AIT 62

Description Of Item:

Assess the causes of the Unit 3 noble gas contamination resolved

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 87 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 64

Description Of Item:

Plant Change Package 86-03-RD-005-00 was due for implementation in Unit 3 during the 1989 refueling outage

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 88 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 64

Description Of Item:

Implement Plant Change Package 86-03-SQ-028-00 in Units 1 and 3 during their respective 1989 refueling outages

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 91 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 66

Description Of Item:

Examine all RCP seals during planned RCP disassembly for the refueling outage to further confirm a root cause of failure (Unit 3)

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 92 Date Due:

Responsible Group: EED Source Of Item: AIT 66

Description Of Item:

Test the CHV-507 isolation valve under low instrument air conditions to further confirm a root cause of failure (IIR)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 93 Date Due:

Responsible Group: MGT/OPS Source Of Item: AIT 68

Description Of Item:

Assess the necessary tools in possession of AOs

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 94 Date Due:

Responsible Group: PS&C Source Of Item: AIT 68

Description Of Item:

Reassess the adequacy of procedures for manual operation of the ADVs to correct key omissions and improve clarity. Assess both local and remote.

Closure Documentation Required: MULTIPLE PROCEDURES

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 95 Date Due:

Responsible Group: TRAINING Source Of Item: AIT 68

Description Of Item:

Perform analysis of all AO and RO tasks to identify those that are infrequently performed and take action to assure that periodic training is instituted to provide assurance that infrequent operations will be properly accomplished (Exit, IIR2-3D)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 96 Date Due:

Responsible Group: OPS MGR Source Of Item: AIT 69

Description Of Item:

Reassess the training needs, and provisions to provide for those needs, of AOs to assure that AOs are adequately knowledgeable and capable in those areas where they are expected to perform

Closure Documentation Required: U3 NIGHT ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 97 Date Due:

Responsible Group: ALLEN JM Source Of Item: AIT 69

Description Of Item:

Change the SRP control of the PVNGS switchyard because licensee's are responsible for activities which can challenge safety systems

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 98 Date Due:

Responsible Group: OPS MGR Source Of Item: AIT 69

Description Of Item:

Take action to assure that appropriate operations staff are fully knowledgeable and trained in the requirements and processes employed in resetting switchgear protective relays (IIR2-3D)

Closure Documentation Required: TRAINING PRINTOUT

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 99 Date Due:

Responsible Group: EED Source Of Item: AIT 69

Description Of Item:

Assess the adequacy of the safety valve tail pipe/guard pipe design to preclude steam from blowing back into the MSSS rooms

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 101 Date Due:

Responsible Group: PS&C

Source Of Item: AIT 70

Description Of Item:

Reevaluate practices for periodic testing of the ADVs particularly, to assure that the valves are periodically tested under conditions that they are expected to operate under when called upon

Closure Documentation Required: 43ST-3SG03; -3SG04

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 102 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: AIT 70

Description Of Item:

Implement effective measures to assure adequate lighting in the vicinity of the ADVs to assure that operators can effectively read the procedures and perform their required tasks

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 103 Date Due:

Responsible Group: NED

Source Of Item: AIT 70

Description Of Item:

Assess the need to strip essential lighting from Class 1E buses on Loss of Power/Safety Injection.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 104 Date Due:

Responsible Group: EED

Source Of Item: AIT 70

Description Of Item:

Assess the adequacy of emergency/essential lighting, in other plant areas in addition to the MSSS, to perform the required activities in those areas as well as lighting of ingress/egress routes (EXIT, AIT37, AIT72)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

Restart Item: Y Record Number: 105 Date Due:

Responsible Group: EED/PS&C

Source Of Item: AIT 70

Description Of Item:

A re-assessment of the adequacy of the PM frequency needs to be performed to assure that calibrations, functional tests, and Preventive maintenance are commensurate with the importance of this system (SBCS)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

Restart Item: Y Record Number: 106 Date Due:

Responsible Group: NED

Source Of Item: AIT 70

Description Of Item:

Engineering needs to understand, and take action to deal with as necessary, the reasons for the drop in instrument air pressure to 64 psi shortly after loss of instrument air compressors (COMP GAS)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 107 Date Due:

Responsible Group: NED

Source Of Item: AIT 70

Description Of Item:

Engineering needs to assess the adequacy of measures to assure an adequate instrument air quality at locations of close tolerance air devices

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

Restart Item: Y Record Number: 108 Date Due:

Responsible Group: NED

Source Of Item: AIT 71

Description Of Item:

Engineering needs to assess the design adequacy of the nitrogen pressure regulator and take measures to improve the reliability (CG)

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

Restart Item: Y Record Number: 110 Date Due:

Responsible Group: NED

Source Of Item: AIT 71

Description Of Item:

Perform a comprehensive study of power source reliability, assess the facts, and make reliability improvement recommendations

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 111 Date Due:

Responsible Group: EED Source Of Item: AIT 71

Description Of Item:

Engineering needs to evaluate and resolve the potential effects on human performance due to the loud audible alarm in the RSP room when switches are out of normal position

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 112 Date Due:

Responsible Group: NED/PS&C Source Of Item: AIT 71

Description Of Item:

Perform a comprehensive analysis of manufacturer's requirements, and ANPP implementation of these in PM programs
in particular, the adequacy of methods used to delay or waive PM performance

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 114 Date Due:

Responsible Group: MGT/OPS Source Of Item: AIT 72

Description Of Item:

Critically assess the adequacy of communications and provisions made to assure adequate communications

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 115 Date Due:

Responsible Group: MGT Source Of Item: AIT 72

Description Of Item:

Take measures to assure that instructions are clear, specific, understood, and that the staff clearly understands the unacceptability to proceeding with activities in the face of uncertainty as to method or expected results

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 116 Date Due:

Responsible Group: EED Source Of Item: AIT 72

Description Of Item:

Thoroughly understand the ADV system problems, why they didn't operate as designed during the Unit 3 event, and what is required to assure the reliability of the ADVs

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 120 Date Due:

Responsible Group: NED Source Of Item: AIT 73 .

Description Of Item:

With regard to the Unit AC electrical power supply systems, perform a comprehensive study, assess the facts and make recommendations to improve power source reliability as soon as possible. ANPP agreed to evaluate a time table, discuss with NRC

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 127 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
ATMOSPHERIC DUMP VALVES - COMMENT 1

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 128 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
ATMOSPHERIC DUMP VALVES - COMMENT 2

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 130 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
AUX. FEED PUMP - COMMENT 1

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS' RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 138 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
BACKUP NITROGEN TO THE INSTRUMENT AIR SYSTEM - COMMENT 1

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 243 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
LOW PRESSURE NITROGEN SYSTEM - COMMENT 1

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 266 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
PREVENTIVE MAINTENANCE - COMMENT 1A

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 267 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
PREVENTIVE MAINTENANCE - COMMENT 1B

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 278 Date Due:

Responsible Group: QA Source Of Item: QI COMM

Description Of Item:
SAFETY INJECTION SYSTEM - COMMENT 1A

Closure Documentation Required: U3 VERIFICATION

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 309 Date Due:

Responsible Group: TRAINING Source Of Item: AT1

Description Of Item:
INADEQUATE POLICY STATEMENT ON TRAINING.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 321 Date Due:

Responsible Group: TRAINING/MGT Source Of Item: 01

Description Of Item:

INADEQUATE POLICY GUIDANCE CONCERNING QUALIFICATION OF PERSONNEL TO PERFORM WORK.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 386 Date Due:

Responsible Group: MGT Source Of Item: PS-0A6

Description Of Item:

IN ALMOST EVERY DIVISION EVALUATED BY INFO HIGH STANDARDS OF PERFORMANCE AND MANAGEMENT EXPECTATIONS WERE EITHER NOT ESTABLISHED, COMMUNICATED OR ACHIEVED.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 387 Date Due:

Responsible Group: COMPLIANCE Source Of Item: PS-0A7

Description Of Item:

ADDITIONAL NUCLEAR PLANT OPERATIONAL EXPERIENCE IS NEEDED AT THE CORPORATE MANAGER LEVEL AND IN MANY KEY PLANT STAFF POSITIONS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 396 Date Due:

Responsible Group: MGT/U Source Of Item: PS-MA1

Description Of Item:

THE PM PROGRAM IS NOT EFFECTIVELY IMPLEMENTED.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 414 Date Due:

Responsible Group: EED/NED MGT Source Of Item: PS-TS7

Description Of Item:

MANAGEMENT HAS NOT ESTABLISHED AND CLEARLY COMMUNICATED HIGH ENGINEERING STANDARDS TO WORKING LEVEL, CLOSELY MONITORED PERFORMANCE, AND FOLLOWED UP TO ENSURE THE EXPECTATIONS ARE BEING MET

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 418 Date Due:

Responsible Group: EED/NED MGT Source Of Item: PS-TS12

Description Of Item:

IN GENERAL, THE ENGINEERING ORGANIZATIONS HAVE NOT SET PERFORMANCE GOALS AND OBJECTIVES THAT REFLECT NORMAL INDUSTRY ENGINEERING PRACTICES AND HIGH STANDARDS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 443 Date Due:

Responsible Group: NS&L Source Of Item: PS-OE4

Description Of Item:

MANY RECOMMENDATIONS FROM SOERS AND SERS HAVE NOT BEEN IMPLEMENTED IN A TIMELY MANNER

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 454 Date Due:

Responsible Group: MGT/U Source Of Item: PS-OP4

Description Of Item:

OPERATIONS SUPERVISION IS NOT ADEQUATELY ESTABLISHING, COMMUNICATING, MONITORING, DEMANDING AND ENFORCING A WORKING ENVIRONMENT THAT PROMOTES PROFESSIONALISM, FORMALITY, ACCOUNTABILITY AND ADHERENCE TO HIGH STANDARDS OF PERFORMANCE.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 508 Date Due:

Responsible Group: WORK CONT/U2&3 Source Of Item: IIR 2-1

Description Of Item:

UNIT 2 AND 3 TO EVALUATE 13.8 KV AND 4.16 KV CIRCUIT BREAKER PM STATUS.

Closure Documentation Required: REFER TO RECORD #15

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 515 Date Due:

Responsible Group: PS&C Source Of Item: IIR 2-1

Description Of Item:

UPGRADE OPERATING PROCEDURE TO INCLUDE GUIDELINES FOR ESTABLISHING LONG PATH RECIRCULATION AS INTERIM ACTION.

Closure Documentation Required: 43OP-3ZZ14

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 516 Date Due:

Responsible Group: OPS MGR Source Of Item: IIR 2-1

Description Of Item:

PROVIDE TRAINING TO ALL OPERATIONS PERSONNEL CONCERNING THE RESETTING OF THE RCP 286 RELAYS WITH THE CONTROL ROOM HANDSWITCHES IN "AFTER-START" OR WITH A TRIP SIGNAL STILL PRESENT.

Closure Documentation Required: TRAINING PRINTOUT

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 518 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR 2-1

Description Of Item:

INSTALL CAUTION PLACARDS ON THE RCP BREAKER DOORS IN ALL THREE UNITS THAT STATE "ENSURE THAT CONTROL ROOM HANDSWITCHES FOR THIS COMPONENT ARE IN THE "AFTER-STOP" POSITION BEFORE RESETTING THE 286 RELAYS."

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 519 Date Due:

Responsible Group: PS&C Source Of Item: IIR 2-1

Description Of Item:

EVALUATE PLANT COMPONENTS TO DETERMINE IF ANY OTHER PLANT COMPONENTS ARE OF THE SAME DESIGN. BASED ON THIS EVALUATION, MODIFY STATION PROCEDURES TO INCORPORATE GUIDELINES FOR RESETTNG THE 286 RELAYS FOR THESE COMPONENTS AND INSTALL CAUTION PLACARDS

Closure Documentation Required: MULTIPLE PROCEDURES

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 520 Date Due:

Responsible Group: OPS MGR Source Of Item: IIR 2-1

Description Of Item:

PROVIDE GUIDANCE TO OPERATIONAL PERSONNEL CONCERNING THE MATCHING OF HANDSWITCH FLAGS TO COMPONENT INDICATORS IN SITUATIONS WHERE THE COMPONENT HAS TRIPPED OR HAS AUTOMATICALLY STARTED. IN ADDITION, THIS GUIDANCE SHOULD ALSO ADDRESS MANAGEMENT'S PHILOSOP

Closure Documentation Required: U3 NIGHT ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 526 Date Due:

Responsible Group: U3 WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

REPLACE THE GROUP X TIMER CARD AND REPEAT THE TESTING DELINEATED IN WORK ORDER #345657 TO VERIFY THE REPLACEMENT CARD CORRECTS THE PROBLEM AS DEFINED BY WORK ORDER #349278.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 532 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

TROUBLESHOOT AND REWORK EACH INDIVIDUAL INDICATION IN ACCORDANCE WITH THE SESS ACTION PLAN. DETERMINE IF THE PROBLEMS NOTED ARE DUE TO SESS INDICATIONS OR ACTUAL COMPONENTS NOT REPOSITIONING WHEN ACTUATED. DOCUMENT RESULTS AND INITIATE REWORK OF ANY

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 536 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

ENGINEERING IS TO PROVIDE RECOMMENDATIONS TO PREVENT RECURRENCE OF THE INABILITY TO OPERATE THE ADVS REMOTELY FROM THE CONTROL ROOM OR RSP

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 537 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

REVIEW THE ADEQUACY OF THE RELIEF REQUEST FOR THE ADVS AND REVISE THE ASME SECTION XI PROGRAM TO DEFINE APPROPRIATE SURVEILLANCE TESTING FOR THE ADVS.

Closure Documentation Required: 73PR-3XI01

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 545 Date Due:

Responsible Group: TRAINING Source Of Item: IIR2-3D

Description Of Item:
REVISE THE SIMULATOR TO MODEL ACTUAL ADV OPERATION IN THE UNITS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 549 Date Due:

Responsible Group: PS&C Source Of Item: IIR2-3D

Description Of Item:
REVISE 4XRO-XZZ10, FUNCTIONAL RECOVERY PROCEDURE, AS NECESSARY, TO
INCLUDE PROVISIONS FOR MANUAL ADV OPERATION OR ALTERNATE STEAMING
PATHS TO MEET HEAT REMOVAL SUCCESS PATH

Closure Documentation Required: 43RO-3ZZ10

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 558 Date Due:

Responsible Group: OPS MGR Source Of Item: IIR2-3D

Description Of Item:
IDENTIFY THOSE TASKS WHICH THE AOS ARE NOT ALLOWED TO PERFORM, I.E.,
THAT ARE REQUIRED TO BE PERFORMED BY A LICENSED OPERATOR ONLY.

Closure Documentation Required: REFER TO U2 BOOK

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 559 Date Due:

Responsible Group: OPS MGR Source Of Item: IIR2-3D

Description Of Item:

OPERATIONS SUPERVISORY PERSONNEL SHALL BE COUNSELED THAT THEY SHOULD NOT DIRECT THE AOS TO PERFORM TASKS FOR WHICH THEY ARE NEITHER TRAINED NOR SPECIFICALLY AUTHORIZED TO DO.

Closure Documentation Required: REFER TO U2 BOOK

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 560 Date Due:

Responsible Group: MGT/U Source Of Item: IIR2-3D

Description Of Item:

ALL AOS SHALL BE INFORMED WHEN PROBLEMS ARE ENCOUNTERED IN JOB PERFORMANCE, THAT THESE PROBLEMS MUST BE REVIEWED WITH THEIR SUPERVISOR PRIOR TO TAKING NON-STANDARD CORRECTIVE ACTIONS. THE ABOVE SHALL ALSO BE REITERATED TO ALL OPS DEPT PERSONNEL

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 561 Date Due:

Responsible Group: MGT/U Source Of Item: IIR2-3D

Description Of Item:

OPERATIONS PERSONNEL SHALL REVIEW THE EVENT WITH EMPHASIS ON THE NECESSITY OF FOLLOWING SPECIFIC LOCAL VALVE OPERATING INSTRUCTIONS EVEN DURING TRANSIENT CONDITIONS AND THE PROHIBITION ON USING CHEATER BARS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 563 Date Due:

Responsible Group: MGT/U Source Of Item: IIR2-3D

Description Of Item:

REEMPHASIZE AND ENFORCE THE COMMUNICATION STANDARD AS DESCRIBED IN 40AC-90P02.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 564 Date Due:

Responsible Group: TRAINING/MGT/U Source Of Item: IIR2-3D

Description Of Item:

REQUIRE SPECIAL EMPHASIS ON FORMAL COMMUNICATIONS ON SHIFT AND ON THE SIMULATOR.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 565 Date Due:

Responsible Group: PLANT DIRECTOR Source Of Item: IIR2-3D

Description Of Item:

DEVELOP A STANDARD FOR REQUIRED TOOLS, SAFETY APPAREL, ETC. TO BE CARRIED AT ALL TIMES BY AN AO.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS 'RESTART DATA' BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 566 Date Due:

Responsible Group: EED/PS&C Source Of Item: IIR2-3D

Description Of Item:

DEVELOP SPECIFIC INSTRUCTIONS FOR ADV OPERATIONS FROM THE CONTROL ROOM. THE INSTRUCTIONS AS A MINIMUM, SHOULD INCLUDE DESIRED OPEN DEMAND SIGNALS, DURATION, AND PREFERRED CLOSING METHOD.

Closure Documentation Required: REFER TO RECORD #567

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 567 Date Due:

Responsible Group: PS&C Source Of Item: IIR2-3D

Description Of Item:

SPECIFIC INSTRUCTIONS FOR ADV OPERATION FROM THE CONTROL ROOM SHALL BE INCORPORATED AS APPROPRIATE INTO THE APPROPRIATE OPERATING, SURVEILLANCE, RECOVERY, EMERGENCY, AND FUNCTIONAL RECOVERY PROCEDURES.

Closure Documentation Required: MULTIPLE PROCEDURES

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 568 Date Due:

Responsible Group: TRAINING Source Of Item: IIR2-3D

Description Of Item:

STANDARDS OF PERFORMANCE IN PROCEDURAL USAGE WILL BE ENFORCED AND EMPHASIZED/MEASURED DURING SIMULATOR TRAINING AND ON SHIFT.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 570 Date Due:

Responsible Group: OPS MGR

Source Of Item: IIR2-3D

Description Of Item:

EVALUATE THE USE OF RADIO EARPHONES, OR ALTERNATE METHODS FOR ENHANCING COMMUNICATIONS BETWEEN THE AOS AND THE CONTROL ROOM.

Closure Documentation Required: REFER TO U2 BOOK

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 575 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE RECOMMENDED CORRECTIVE ACTIONS OF THE ENGINEERING ACTION PLAN FOR MSSS LIGHTING.

Closure Documentation Required: WO'S

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 578 Date Due:

Responsible Group: EED/NED/PS&C

Source Of Item: IIR2-3D

Description Of Item:

EVALUATE THE AO EMERGENCY TASKS INVOLVING MANUAL MANIPULATION OF SAFETY RELATED AND IMPORTANT TO SAFETY PLANT COMPONENTS AND DETERMINE IF THEY CAN BE PERFORMED IN THE EVENT OF A LOSS OF NORMAL AND ESSENTIAL LIGHTING CONDITION.

Closure Documentation Required: REFER TO RECORD #81

Compliance Engineering:

Status: CLOSED

Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 589 Date Due:

Responsible Group: MAINTENANCE Source Of Item: IIR2-3D

Description Of Item:
PERFORM IA PM TASKS.

Closure Documentation Required: PM PRINTOUT/STATUS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 600 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:
REPLACE THE SPRING IN IA VALVE IAN-V056 WITH ONE CORRESPONDING TO A 1
PSID OR LOWER PRESSURE DROP.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 601 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:
INCLUDE THE SPRING LOADED CHECK VALVES BETWEEN THE N2 AND IA SYSTEMS
FOR THE ADVS IN THE ASME XI LEAKAGE TESTING PROGRAM.

Closure Documentation Required: MULTIPLE PROCEDURES

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 602 Date Due:

Responsible Group: LICENSING/NED Source Of Item: IIR2-3D

Description Of Item:

COMPLETE THE REEVALUATION OF THE RESPONSE TO NRC'S GENERIC LETTER 88-14 AND DETERMINE IF ADDITIONAL ACTIONS ARE NECESSARY BASED UPON THIS EVENT.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 3 Record Number: 603 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING ACTION PLAN TO REWORK CHV-435 IAW WO 338162

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 604 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING ACTION PLAN TO INSPECT RCP 1B SEALS IAW WO 346503

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 605 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING ACTION PLAN TO INSPECT RCP JOURNAL BEARINGS
IAW WO 316360, 316361, 316362, 316363

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 606 Date Due:

Responsible Group: EED/NSSS Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING PLAN TO CONDUCT A DESIGN REVIEW OR TEST CHA-
HV-507 TO ENSURE IT WILL PERFORM AS DESIGNED, INCLUDING UNDER A LOSS
OF INSTRUMENT AIR CONDITIONS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 3 Record Number: 607 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

EVALUATE SIGNIFICANCE OF RCP-2A HIGH PRESSURE COOLER INLET HIGH
TEMPERATURE CONDITION FOR ROOT CAUSE OF FAILURE DETERMINATION AND FOR
ANY INSPECTION AND/OR REWORK REQUIREMENTS. (EER 89-RC-038).

Closure Documentation Required: EER 89-RC-038

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 610 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT DCP 3FE-RD-037 DURING THIS REFUELING OUTAGE, TO PROVIDE RELIABLE POWER TO THE CONTAINMENT SUMP LEVEL INDICATORS.

Closure Documentation Required: WORK ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 612 Date Due:

Responsible Group: PLANT DIRECTOR Source Of Item: IIR2-3D

Description Of Item:

PLANT MANAGEMENT SHALL RE-EVALUATE THE USE OF FURMANITE FOR PRIMARY SYSTEM LEAKS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 3 Record Number: 613 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

ENSURE THAT DCP 3FE-SQ-058 IS INSTALLED BY IMPLEMENTATION OF WOS 304785, 317270 AND 317273. (RELIABLE POWER TO UNIT 3 RMS MINI-COMPUTER).

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 615 Date Due:

Responsible Group: EP Source Of Item: IIR2-3D

Description Of Item:

PROVIDE AN UNINTERRUPTIBLE POWER SUPPLY WITH A CAPACITY OF AT LEAST 1 HOUR DURATION FOR THE MESOREM COMPUTER IN THE STSC.

Closure Documentation Required: MEMO FROM EP/INSTALL

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 620 Date Due:

Responsible Group: PLANT DIRECTOR Source Of Item: IIR2-3D

Description Of Item:

REVIEW REQTS FOR CONTROL ROOM ACCESS WITH CHEMISTRY PERSONNEL STRESSING THAT THE LEAD OR ACTING LEAD CHEMISTRY TECHNCIAN IS PART OF THE ON-SHIFT TEAM AND IS ALLOWED INTO THE CONTROL ROOM WHEN IT IS NECESSARY TO COMMUNICATE PERTINENT INFO TO THE SHIFT SUP

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 3 Record Number: 622 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

SGE-PSV-579 ACTUATED AT A PRESSURE LOWER THAN ITS DESIGN SETPOINT. EED HAS INITIATED AN ACTION PLAN TO TROUBLESHOOT THE VALVE. THE VALVE WAS REMOVED AND SHIPPED TO A TEST FACILITY FOR EVALUATION AND REWORK PER WO 346108.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 627 Date Due:

Responsible Group: EED

Source Of Item: IIR2-3D

Description Of Item:

COMPLETE EER 89-SG-031 (RCF)

Closure Documentation Required: EER 89-SG-031

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: 3 Record Number: 630 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: IIR2-3D

Description Of Item:

PERFORM 32MT-9ZZ29 ON BREAKER 3ENANS02M IAW WR 341326. PERFORM ADJUSTMENTS, LUBRICATE AND/OR DO CORRECTIVE MAINTENANCE, PERFORM MINIMUM PICK-UP VOLTAGE TEST FOR THE TRIP/CLOSING COIL AND PERFORM 36ST-9ZZ06.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: 3 Record Number: 633 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: IIR2-3D

Description Of Item:

WO #348434 WAS GENERATED BY ON-SHIFT PERSONNEL TO TROUBLESHOOT AND REWORK THE PROBLEM VIA THE NORMAL WORK CONTROL PROCESS. THIS WAS A PREVIOUSLY NOTED PROBLEM AND THE VALVES ARE SCHEDULED TO BE REPLACED DURING THE UNIT 3 OUTAGE.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: 3 Record Number: 636 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

WR #319968 WAS GENERATED BY THE IIT TO TROUBLESHOOT AND REWORK THE PROBLEM VIA THE NORMAL WORK CONTROL PROCESS

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 638 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

MAIN STEAM SAFETY VALVE PSV 577 WAS DISCOVERED TO HAVE A DAMAGED BOLT/FASTENER. WR #319969 WAS GENERATED BY THE IIT TO REPLACE THE BOLT VIA THE NORMAL WORK CONTROL PROCESS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 641 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

EED TO SUPPLY THE UNITS WITH A CURRENT AND ACCURATE PHONE LIST OF QUALIFIED ENGINEERS AND PR&C REPRESENTATIVES.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 642 Date Due:

Responsible Group: PS&C Source Of Item: IIR2-3D

Description Of Item:

MODIFY DEGRADED ELECTRICAL POWER PROCEDURE 4XAO-XZZ12, APPENDIX B, TO INCLUDE BETTER AND MORE SPECIFIC GUIDANCE ON RESETTING "86" RELAYS.

Closure Documentation Required: MULTIPLE PROCEDURES

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 644 Date Due:

Responsible Group: MGT\OPS Source Of Item: IIR2-3D

Description Of Item:

MANAGEMENT SHALL REEMPHASIZE TO PLANT PERSONNEL THE IMPORTANCE OF PROCEDURE USE AND STRICT ADHERENCE.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 648 Date Due:

Responsible Group: OPS MGR Source Of Item: IIR2-3D

Description Of Item:

OPERATIONS SHALL REVIEW THE MODIFICATIONS TO THE DEGRADED ELECTRICAL POWER PROCEDURE, AS IDENTIFIED IN THE WRITTEN COMMUNICATION'S SECTION. THE OPERATIONS CREW SHALL THEN ADHERE TO THE PROCEDURE AND NOT ALLOW OR PERFORM UNNECESSARY TROUBLESHOOTING.

Closure Documentation Required: U3 NIGHT ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 651 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:
INCREASE NITROGEN REGULATOR PRESSURE FROM 95 TO 105 PSIG ON ADV.

Closure Documentation Required: WO'S (3SM-SG-020)

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 652 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:
INSTALL BONNETT PRESSURE TAPS IN UNIT 3 ADVS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 654 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:
REMOVE EXTRA SPRINGS IN THE 3 UNIT 3 ADVS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS "RESTART" DATA "BASE" REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 656 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

INCORPORATE CCI RECOMMENDED MODIFICATIONS ON ADVS

A) INCREASE PLUG PILOT CAPACITY B) MODIFY PISTON RING C) MODIFY DISK
STACK TO PROVIDE A SMOOTH CV TRANSITION.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 662 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

REPLACED DAMAGED/WORN REGULATOR PARTS ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 663 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

VERIFY NITROGEN SUBSYSTEM CLEANLINESS ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 664 Date Due:

Responsible Group: MAINTENANCE Source Of Item: ADV

Description Of Item:

DEVELOP AND PERFORM A PM TASK TO ADJUST REGULATOR SETPOINT ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: PM'S

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 665 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

NITROGEN ACCUMULATOR DROP TEST TO BE PERFORMED ON ALL VALVES, LEAKING FITTINGS AND RELIEF VALVE PROBLEMS TO BE CORRECTED ON PNEUMATIC SYBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 668 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

DEVELOP ST AND TEST SECTION XI CHECK VALVES FOR LEAKAGE ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 669 Date Due:

Responsible Group: MAINTENANCE Source Of Item: ADV

Description Of Item:

DEVELOP AND PERFORM A PM TASK TO CALIBRATE AND ADJUST THE POSITIONERS ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: PM'S

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 670 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

FLUSH/SAMPLE NITROGEN SUBSYSTEM, IA AND HIGH PRESSURE NITROGEN SUPPLIES TO VERIFY CLEANLINESS ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 671 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

INSTALL 3 MICRON INSTRUMENT AIR FILTER IN MSSS SUPPLY LINE TO ADVS. (UNIT 3 ONLY - COMPLETED IN UNITS 1 AND 2) ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS' RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 672 Date Due:

Responsible Group: NED Source Of Item: ADV

Description Of Item:
IMPLEMENT CORRECTIVE ACTIONS NOTED IN INSTRUMENT AIR REPORT (NED
REPORT) ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: REFER TO U2 BOOK

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 673 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:
REMOVE UNQUALIFIED GAGES PER VENDOR TECH. MANUAL.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 675 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:
REPLACE ANY UNIT 3 BUNA-N "O" RINGS WITH VITON ON EQUIPMENT
QUALIFICATION AND CONFIGURATION CONTROL ISSUES.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 694 Date Due:

Responsible Group: PS&C Source Of Item: EDR

Description Of Item:

REVISE OPERATING PROCEDURES TO SPECIFY OPERATION OF TWO RCP'S ON UAT
WITH THE OTHER TWO ON SUT POWER

Closure Documentation Required: 43OP-3ZZ04

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 698 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:

INSTALL DIGITAL FAULT RECORDER ON SSO RELAYS

Closure Documentation Required: WO'S TMOD3-89-MA-017

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 699 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:

REFERENCE CIRCUIT MODIFICATION TO SSO SYSTEM. T-MOD

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 700 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:
CLEANING OF HIGH VOLTAGE BUSHINGS, INSULATORS AND ARRESTORS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 701 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:
LUBRICATION AND CYCLING OF FBT BREAKERS

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 702 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:
XFMR OIL SAMPLE EVALUATION

Closure Documentation Required: WO'S/OIL SAMPL RESLT

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 703 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:
OIL FILLED XFMR LEAKAGE CHECKS

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 704 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:
MAIN XFMR DEHYDRATING BREATHER FILTER CHECK

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 705 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:
SERVICE TESTING OF NON-IE BATTERY SYSTEM

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 706 Date Due:

Responsible Group: PS&C

Source Of Item: COMPGAS

Description Of Item:

COMPRESSOR FREE AIR REGULATOR - REVISE OPERATIONS PROCEDURE TO DRAIN THIS REGULATOR AT LEAST ONCE A WEEK.

Closure Documentation Required: 43OP-3ZZ15

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 707 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: COMPGAS

Description Of Item:

ALL SYSTEM DRAIN TRAPS (MOISTURE SEPARATORS, AIR RECEIVERS, AIR DRYER PREFILTERS) - CLEAN AND REPAIR AS REQUIRED.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 708 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: COMPGAS

Description Of Item:

INSTRUMENT AIR DRYER - REPLACE DESICCANT IN ACTIVE AND STANDBY DRYERS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 709 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

VERIFY PROPER OPERATION OF AIR DRYER CAN SETTINGS AND TOWER SOLENOID VALVES.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 710 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

INSTRUMENT AIR DRYER PREFILTER AND AFTERFILTER DIFFERENTIAL PRESSURE SWITCHES - CALIBRATE.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 712 Date Due:

Responsible Group: MAINTENANCE Source Of Item: COMPGAS

Description Of Item:

MONITOR AIR QUALITY DOWNSTREAM OF THE AFTER FILTERS FOR MOISTURE CONTENT, PARTICULATES, AND HYROCARBONS EVERY THREE MONTHS.

Closure Documentation Required: PM'S

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 713 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

ENSURE MAINTENANCE PROCEDURES ALLOW ONLY ONE AIR COMPRESSOR TO BE REMOVED FROM SERVICE AT ONLY ONE TIME.

Closure Documentation Required: 43OP-3IA01

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 726 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

LIQUID NITROGEN STORAGE TANK - VISUALLY INSPECT.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 727 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

TANK PRESSURE BUILDUP/REGULATOR - RUN THE REGULATOR THROUGH 10PSI OF ADJUSTMENT.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS 'RESTART' DATA 'BASE' REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 728 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

CALIBRATE TANK LIQUID LEVEL GAUGE FOR "O".

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 729 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

NITROGEN REGULATORS - RUN THE REGULATORS THROUGH 20 PSIG OF ADJUSTMENTS. RETURN TO SETPOINT.

Closure Documentation Required: WO'S/73TI-9IA02

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 736 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

PERFORM A LEAK RATE TEST IN THE CHECK VALVES BY RELEASE OF INSTRUMENT AIR PRESSURE.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 743 Date Due:

Responsible Group: PS&C

Source Of Item: MGMTMTG

Description Of Item:

THE S/U PROCEDURE REQUIRES ENHANCEMENTS ADDRESSING REACTIVITY CONTROL.

Closure Documentation Required: 43OP-3ZZ03

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 744 Date Due:

Responsible Group: PS&C

Source Of Item: MGMTMTG

Description Of Item:

DEVELOP A TURBINE SPEED TEST FOR THE AFW

Closure Documentation Required: 43OP-3AF01

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 745 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: TS2-1

Description Of Item:

CONDUCT TURBINE OVERSPEED TEST FOR AFW

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 746 Date Due:

Responsible Group: TRAINING Source Of Item: TQ7-1

Description Of Item:

CONDUCT STA SIMULATOR TRAINING WITH STA ACTING IN THE CAPACITY OF AN STA

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 747 Date Due:

Responsible Group: PS&C Source Of Item: OA3-1

Description Of Item:

EVALUATE SU PROCEDURE TO ENSURE SUFFICIENT GUIDANCE IS PROVIDED FOR CONTROL OF REACTIVITY.

Closure Documentation Required: 43OP-3ZZ03

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 748 Date Due:

Responsible Group: WORK CONTROL Source Of Item: EDR

Description Of Item:

IMPLEMENT DCP FE-NA-041 (BUSHING CREEP EXTENDERS AND DRIP LOOPS)

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 749 Date Due:

Responsible Group: PS&C Source Of Item: AIT-70

Description Of Item:

ASSESS THE ADEQUACY OF PROCEDURES FOR REAPPLICATION OF ESSENTIAL LIGHTING LOADS TO CLASS 1E BUSES.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 750 Date Due:

Responsible Group: NED Source Of Item: COMPGAS

Description Of Item:

PERFORM A TEST ON THE N2 SUBSYS TO DETERMINE WHY IA DROPPED TO 64 LBS.

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 751 Date Due:

Responsible Group: WORK CONTROL Source Of Item: COMPGAS

Description Of Item:

CHECK PNEUMATIC COMP FOR LEAKS ON MSIV & FWIV

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 754 Date Due:

Responsible Group: EED Source Of Item: SBCS

Description Of Item:
PERFORM 18 MONTH PM OF CONTROL SYSTEM.

Closure Documentation Required: REFER TO RECORD #33

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 755 Date Due:

Responsible Group: WORK CONTROL Source Of Item: SBCS

Description Of Item:
PERFORM LIVE STEAM STROKE TIME TESTING ON EACH VALVE.

Closure Documentation Required: WO'S/36MT-9SF09

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 756 Date Due:

Responsible Group: MAINTENANCE Source Of Item: SBCS

Description Of Item:
IMPLEMENT TWICE MONTHLY ISOLATED SBCS VALVE STROKING.

Closure Documentation Required: PM'S/SG001

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 757 Date Due:

Responsible Group: EED Source Of Item: SBCS

Description Of Item:
PERFORM SBCS FUNCTIONAL TEST.

Closure Documentation Required: REFER TO RECORD #33

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: Y Record Number: 758 Date Due:

Responsible Group: WORK CONTROL Source Of Item: GECLTR

Description Of Item:
TEST CEA COILS TO IDENTIFY DEFECTIVE COILS. REPLACE ALL DEFECTIVE
COILS

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 759 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:
MODIFY APPROPRIATE PROCEDURES TO INDICATE COMPENSATORY OPERATOR
ACTIONS IN THE EVENT OF LOSS OF AIR

Closure Documentation Required: 43AO-3ZZ06

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 760 Date Due:

Responsible Group: U3 PLT MGR Source Of Item: OMDLTR

Description Of Item:

ENSURE THAT A HIGHER STANDARD OF ANALYSIS, REVIEW, TRAINING AND PERFORMANCE ARE IN PLACE AND OPERATING EFFECTIVELY.

Closure Documentation Required: LTTR PLT MGR TO EVP

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 761 Date Due:

Responsible Group: WORK CONTROL Source Of Item: PM

Description Of Item:

DEVELOP AND IMPLEMENT QUARTERLY N2 LEAKAGE ST.

Closure Documentation Required: WO'S/43ST-3SG05

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 762 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

INSTITUTE C/A REQUIRED FOR REGULATORS

Closure Documentation Required: REFER TO RECORD #664

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 763 Date Due:

Responsible Group: EED

Source Of Item: U3IIR

Description Of Item:

DETERMINE ROOT CAUSE OF UNIT 3 MSSV LIFTING AT 31 PSI BELOW 1250 PSIG
+-1%.

Closure Documentation Required: EER 89-SG-190

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 764 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: COMPGAS

Description Of Item:

Change the afterfilter internals (cartridge) from the current 1 micron
rated filter to a .45 micron rated filter or smaller

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

Restart Item: Y Record Number: 768 Date Due:

Responsible Group: WORK CONTROL

Source Of Item: LIGHTRP

Description Of Item:

INSTALL EMERGENCY LIGHTING IAW RESULTS OF THE 5/29 WALKDOWN

Closure Documentation Required: WO'S/U3 APP R RESLTS

Compliance Engineering:

Status: OPEN

Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/26/89 Report Time: 06:50:08

Restart Item: Y Record Number: 769 Date Due:

Responsible Group: WORK CONTROL Source Of Item: REVIEW

Description Of Item:
TEST MSSV

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: Y Record Number: 770 Date Due:

Responsible Group: EP Source Of Item: IIR3

Description Of Item:
REVISE EPIP 14 TO ADDRESS MANUAL DEFAULT

Closure Documentation Required: CLOSED U2 RESTART

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 3 Record Number: 801 Date Due:

Responsible Group: WORK CONTROL Source Of Item: SBSC

Description Of Item:
REWORK UNIT 3 PERMISSIVE TIMER PROBLEM

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 08/02/89 Report Time: 11:48:15

Restart Item: 2 Record Number: 34 Date Due:

Responsible Group: MGT/U2 Source Of Item: CAL 3/7

Description Of Item:

Lessons learned from the Unit 3 event will be applied to Unit 2 expeditiously, commensurate with the safety significance of the deficiency

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 2 Record Number: 42 Date Due:

Responsible Group: COMPLIANCE Source Of Item: CAL3/28

Description Of Item:

Brief the NRC upon completion of your investigations and will not restart Unit 2 facilities prior to receiving NRC concurrence

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 2 Record Number: 590 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

INSPECT THE UNIT 2 PNEUMATIC SYSTEM VALVES FOR EVIDENCE OF DIRT, MOISTURE OR CORROSION OF THE VALVE COMPONENTS OF IA SUBSYSTEM PIPING. ANALYZE ANY CONTAINMENTS FOUND AND REPAIR AS APPLICABLE.

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 08/02/89 Report Time: 11:48:15

Restart Item: 2 Record Number: 653 Date Due:

Responsible Group: MGT/U2 Source Of Item: ADV

Description Of Item:

INSPECT UNIT 1 AND 2 ACTUATORS AND REMOVE EXTRA SPRING IF FOUND ON ADVS.

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 2 Record Number: 722 Date Due:

Responsible Group: EED Source Of Item: COMPGAS

Description Of Item:

INSPECT 2 OF THE PNEUMATIC SYSTEM VALVES IN U2 FOR EVIDENCE OF DIRT/MOISTURE/CORROSION OF THE VALVE COMPONENTS OR INSTRUMENT AIR SYBSYSTEM PIPING. ANALYZE ANY CONTAMINATIONS FOUND. DEPENDING ON THE VALVE'S FILTER-REGULATOR, SOLENOID, POSITIONER, AND MOD

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 2 Record Number: 752 Date Due:

Responsible Group: EED Source Of Item: SBSCS

Description Of Item:

TEST UNIT 2 PERMISSIVE TIMER.

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 08/02/89 Report Time: 11:48:15

Restart Item: 2 Record Number: 753 Date Due:

Responsible Group: EED Source Of Item: SBSCS

Description Of Item:
RECONNECT T-DAS TO SBSCS VALVE POSITIONS (UNIT 2).

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 2 Record Number: 765 Date Due:

Responsible Group: EED Source Of Item: REVIEW

Description Of Item:
PREPARE JUSTIFICATION FOR DELAYING MSIV BYPASS RCFA

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

Restart Item: 2 Record Number: 766 Date Due:

Responsible Group: EED Source Of Item: REVIEW

Description Of Item:
PREPARE JUSTIFICATION FOR DELAYING MSS RCFA

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 08/02/89 Report Time: 11:48:15

Restart Item: 2 Record Number: 767 Date Due:

Responsible Group: ALLEN JM Source Of Item: ENGEVAL

Description Of Item:

REVISE 420P-2ZZ015 TO PROVIDE INSTRUCTIONS FOR MONITORING DIFFERENTIAL PRESSURE ACROSS DRYER

Closure Documentation Required:

Compliance Engineering:

Status: CLOSED Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 46 Date Due:

Responsible Group: COMPLIANCE Source Of Item: U3 CAL

Description Of Item:

Brief the NRC upon completion of your investigation and will not restart the Palo Verde Unit 3 facility prior to receiving NRC concurrence

Closure Documentation Required: BRIEFING

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 62 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 30

Description Of Item:

The Instrument Air lines S-Mod required installation of a permanent moisture filter on IA line to the main steam support structure was scheduled to be performed during the upcoming Unit 3 refueling outage

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 65 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 32

Description Of Item:

ADV positioners work history revealed that accomplishment of open work orders which effect operability for Unit 3 positioners was planned for the upcoming Unit 3 outage

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 86 Date Due:

Responsible Group: U3 RAD PROT Source Of Item: AIT 62

Description Of Item:

Assess the causes of the Unit 3 noble gas contamination resolved

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 87 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 64

Description Of Item:

Plant Change Package 86-03-RD-005-00 was due for implementation in Unit 3 during the 1989 refueling outage

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 88 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 64

Description Of Item:

Implement Plant Change Package 86-03-SQ-028-00 in Units 1 and 3 during their respective 1989 refueling outages

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999,



PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 91 Date Due:

Responsible Group: WORK CONTROL Source Of Item: AIT 66

Description Of Item:

Examine all RCP seals during planned RCP disassembly for the refueling outage to further confirm a root cause of failure (Unit 3)

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 526 Date Due:

Responsible Group: U3 WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

REPLACE THE GROUP X TIMER CARD AND REPEAT THE TESTING DELINEATED IN WORK ORDER #345657 TO VERIFY THE REPLACEMENT CARD CORRECTS THE PROBLEM AS DEFINED BY WORK ORDER #349278.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 532 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

TROUBLESHOOT AND REWORK EACH INDIVIDUAL INDICATION IN ACCORDANCE WITH THE SESS ACTION PLAN. DETERMINE IF THE PROBLEMS NOTED ARE DUE TO SESS INDICATIONS OR ACTUAL COMPONENTS NOT REPOSITIONING WHEN ACTUATED. DOCUMENT RESULTS AND INITIATE REWORK OF ANY

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 600 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

REPLACE THE SPRING IN IA VALVE IAN-V056 WITH ONE CORRESPONDING TO A 1 PSID OR LOWER PRESSURE DROP.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 603 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING ACTION PLAN TO REWORK CHV-435 IAW WO 338162

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 604 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING ACTION PLAN TO INSPECT RCP 1B SEALS IAW WO 346503

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS "RESTART" DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 605 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT THE ENGINEERING ACTION PLAN TO INSPECT RCP JOURNAL BEARINGS
IAW WO 316360, 316361, 316362, 316363

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 607 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

EVALUATE SIGNIFICANCE OF RCP-2A HIGH PRESSURE COOLER INLET HIGH
TEMPERATURE CONDITION FOR ROOT CAUSE OF FAILURE DETERMINATION AND FOR
ANY INSPECTION AND/OR REWORK REQUIREMENTS. (EER 89-RC-038).

Closure Documentation Required: EER 89-RC-038

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 610 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

IMPLEMENT DCP 3FE-RD-037 DURING THIS REFUELING OUTAGE, TO PROVIDE
RELIABLE POWER TO THE CONTAINMENT SUMP LEVEL INDICATORS.

Closure Documentation Required: WORK ORDER

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 613 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

ENSURE THAT DCP 3FE-SQ-058 IS INSTALLED BY IMPLEMENTATION OF WOS 304785, 317270 AND 317273. (RELIABLE POWER TO UNIT 3 RMS MINI-COMPUTER).

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 622 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

SGE-PSV-579 ACTUATED AT A PRESSURE LOWER THAN ITS DESIGN SETPOINT. EED HAS INITIATED AN ACTION PLAN TO TROUBLESHOOT THE VALVE. THE VALVE WAS REMOVED AND SHIPPED TO A TEST FACILITY FOR EVALUATION AND REWORK PER WO 346108.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 627 Date Due:

Responsible Group: EED Source Of Item: IIR2-3D

Description Of Item:

COMPLETE EER 89-SG-031 (RCF)

Closure Documentation Required: EER 89-SG-031

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 630 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

PERFORM 32MT-9ZZ29 ON BREAKER 3ENANS02M IAW WR 341326. PERFORM ADJUSTMENTS, LUBRICATE AND/OR DO CORRECTIVE MAINTENANCE, PERFORM MINIMUM PICK-UP VOLTAGE TEST FOR THE TRIP/CLOSING COIL AND PERFORM 36ST-9ZZ06

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 633 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

WO #348434 WAS GENERATED BY ON-SHIFT PERSONNEL TO TROUBLESHOOT AND REWORK THE PROBLEM VIA THE NORMAL WORK CONTROL PROCESS. THIS WAS A PREVIOUSLY NOTED PROBLEM AND THE VALVES ARE SCHEDULED TO BE REPLACED DURING THE UNIT 3 OUTAGE.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 636 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

WR #319968 WAS GENERATED BY THE IIT TO TROUBLESHOOT AND REWORK THE PROBLEM VIA THE NORMAL WORK CONTROL PROCESS

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 638 Date Due:

Responsible Group: WORK CONTROL Source Of Item: IIR2-3D

Description Of Item:

MAIN STEAM SAFETY VALVE PSV 577 WAS DISCOVERED TO HAVE A DAMAGED BOLT/FASTENER. WR #319969 WAS GENERATED BY THE IIT TO REPLACE THE BOLT VIA THE NORMAL WORK CONTROL PROCESS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 652 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

INSTALL BONNETT PRESSURE TAPS IN UNIT 3 ADVS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 654 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

REMOVE EXTRA SPRINGS IN THE 3 UNIT 3 ADVS.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 07/25/89 Report Time: 15:05:05

Restart Item: 3 Record Number: 671 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

INSTALL 3 MICRON INSTRUMENT AIR FILER IN MSSS SUPPLY LINE TO ADVS.
(UNIT 3 ONLY - COMPLETED IN UNITS 1 AND 2) ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 675 Date Due:

Responsible Group: WORK CONTROL Source Of Item: ADV

Description Of Item:

REPLACE ANY UNIT 3 BUNA-N "O" RINGS WITH VITON ON EQUIPMENT
QUALIFICATION AND CONFIGURATION CONTROL ISSUES.

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: 3 Record Number: 801 Date Due:

Responsible Group: WORK CONTROL Source Of Item: SBSCS

Description Of Item:

REWORK UNIT 3 PERMISSIVE TIMER PROBLEM

Closure Documentation Required: WORK ORDERS

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

