

Arizona Public Service Company

PALO VERDE NUCLEAR GENERATING STATION  
P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

102-01294-WFC/TDS  
June 8, 1989

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

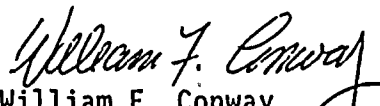
Dear Sir:

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 2, Docket No. STN 50-529 (License No. NPF-51)  
Post Restart List  
File: 89-056-026

In accordance with our previous commitments, I have attached a copy of the Post Restart Actions List for PVNGS Unit 2. As you will note, there are action items that have a "Days Until Due Date" field indicating 999. This is a computer default number which identifies that a due date for completion of the action has not been established. Once the completion dates have been established, the Post Restart Actions List will be revised.

If you have any questions or require additional information, please contact me.

Very truly yours,

  
William F. Conway  
Executive Vice President -  
Nuclear

WFC/TDS/kj

Attachment

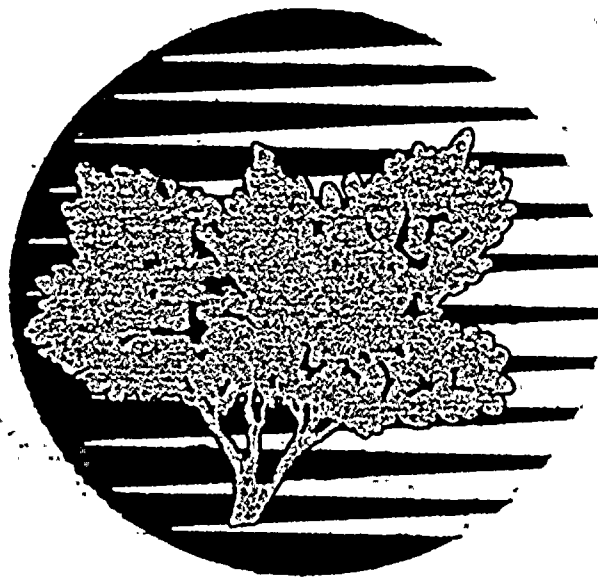
cc: T. J. Polich  
T. L. Chan  
M. J. Davis

8906290164 890608  
PDR ADOCK 05000529  
P PNU

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# PVNGS POST-RESTART ACTIONS





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- IV. ITEMS REQUIRING THE DEVELOPMENT OR REVISION OF A PROCEDURE
- V. ITEMS REQUIRING ACTION BY THE TRAINING DEPARTMENT
- VI. ITEMS REQUIRING THE COMPLETION OF AN ACTIVITY



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 20 Date Due: 01/01/90

Responsible Group: EED/I&C Source Of Item: Exit

Description Of Item:

EVALUATE WHAT CAN BE DONE TO PRODUCE MORE RELIABLE POSITION INDICATIONS OF EQUIPMENT

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -207

Restart Item: P Record Number: 53 Date Due:

Responsible Group: NED/MECH Source Of Item: AIT 19

Description Of Item:

DESIGN ENHANCEMENTS WILL BE PURSUED TO MINIMIZE FUTURE WATER HAMMER

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 90 Date Due:

Responsible Group: NED/MECH Source Of Item: AIT 65

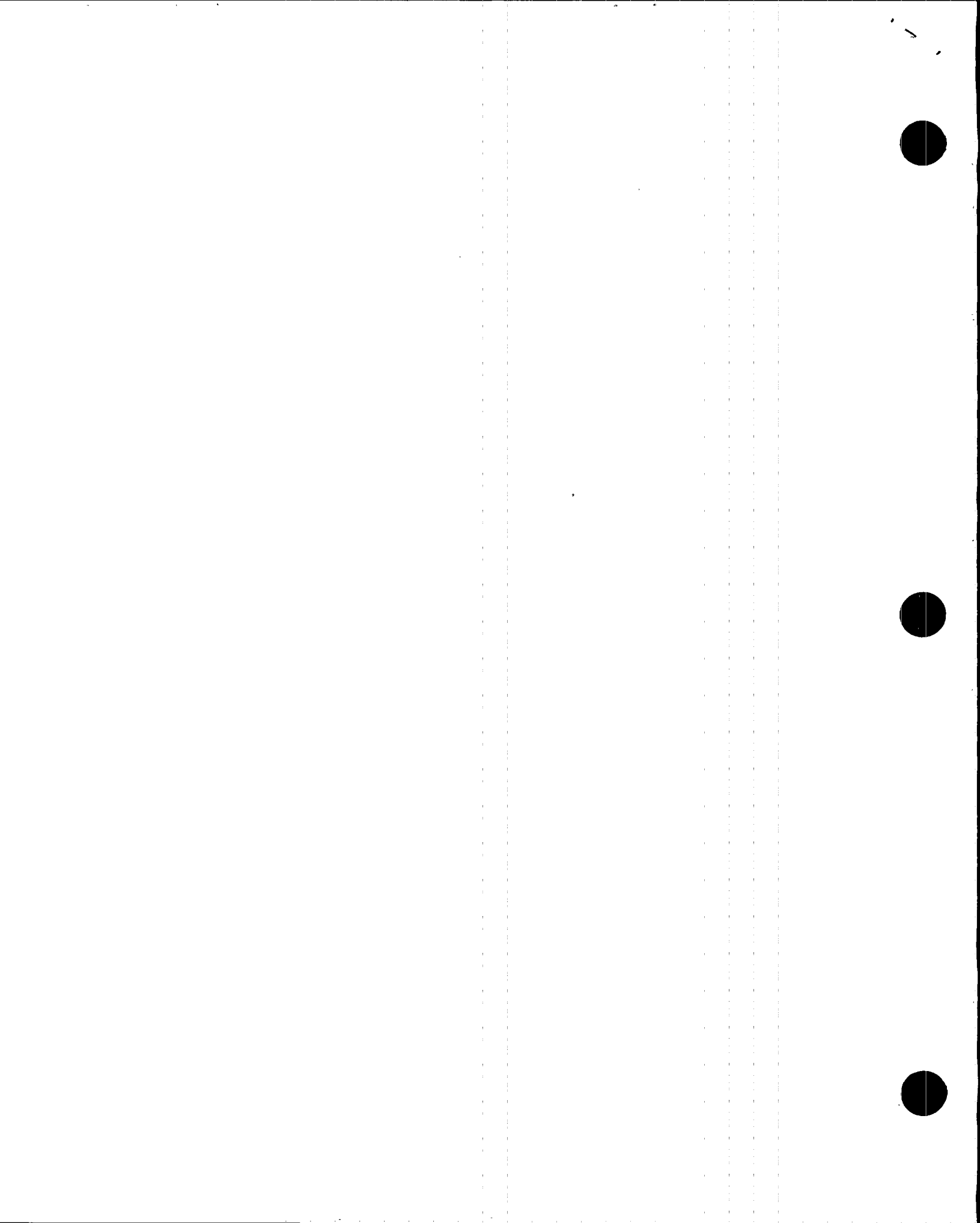
Description Of Item:

ASSESS THE ADEQUACY OF THE DESIGN/APPLICATION OF CHV-507, ESPECIALLY CONSIDERING THE EFFECTS OF INSTRUMENT AIR LOSS

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 109 Date Due:

Responsible Group: EED/MECH Source Of Item: AIT 71

Description Of Item:  
TAKE MEASURES TO PRECLUDE GAS LEAKAGE FROM NEOPRENE VALVE PACKING IN  
VOLUME CONTROL TANK GAS STRIPPER

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 113 Date Due: 01/01/90

Responsible Group: EED/I&C Source Of Item: AIT 71

Description Of Item:  
REASSESS THE ADEQUACY OF MEASURES TO PERIODICALLY VERIFY/CHECK LIMIT  
SWITCH SETTINGS ON APPLICABLE ESFAS EQUIPMENT TO ASSURE THAT OPERATORS  
ARE PROVIDED RELIABLE INFORMATION ON THE POSITIONING OF ESFAS  
EQUIPMENT FOLLOWING ACTUATION

Closure Documentation Required: SESS SYSTEM LIST

Compliance Engineering:

Status: OPEN Days Until Due Date: -207

Restart Item: P Record Number: 483 Date Due:

Responsible Group: EED/MECH Source Of Item: PS-CY8

Description Of Item:  
EVALUATE THE NEED TO DEVELOP A PROGRAM TO PROTECT PLANT SYSTEMS FROM  
EXCESSIVE CORROSION DURING SHUTDOWN PERIODS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 497 Date Due: 12/31/90

Responsible Group: NED/I&C Source Of Item: IIR 2-1

**Description Of Item:**

PERFORM A DESIGN REVIEW FOR THE CEACS TO DETERMINE VULNERABILITY TO SINGLE FAILURE THAT RESULTS IN A REACTOR TRIP.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -571

Restart Item: P Record Number: 498 Date Due: 08/31/89

Responsible Group: OCS Source Of Item: IIR 2-1

**Description Of Item:**

PERFORM A STUDY TO DETERMINE A SUITABLE METHOD FOR PROVIDING RELIABLE SPARE PARTS TO THE UNITS. EXAMPLES: HOT SPARE SYSTEM TESTING PARTS UPON RECEIPT FROM VENDOR.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -84

Restart Item: P Record Number: 502 Date Due:

Responsible Group: EED/ELEC Source Of Item: IIR 2-1

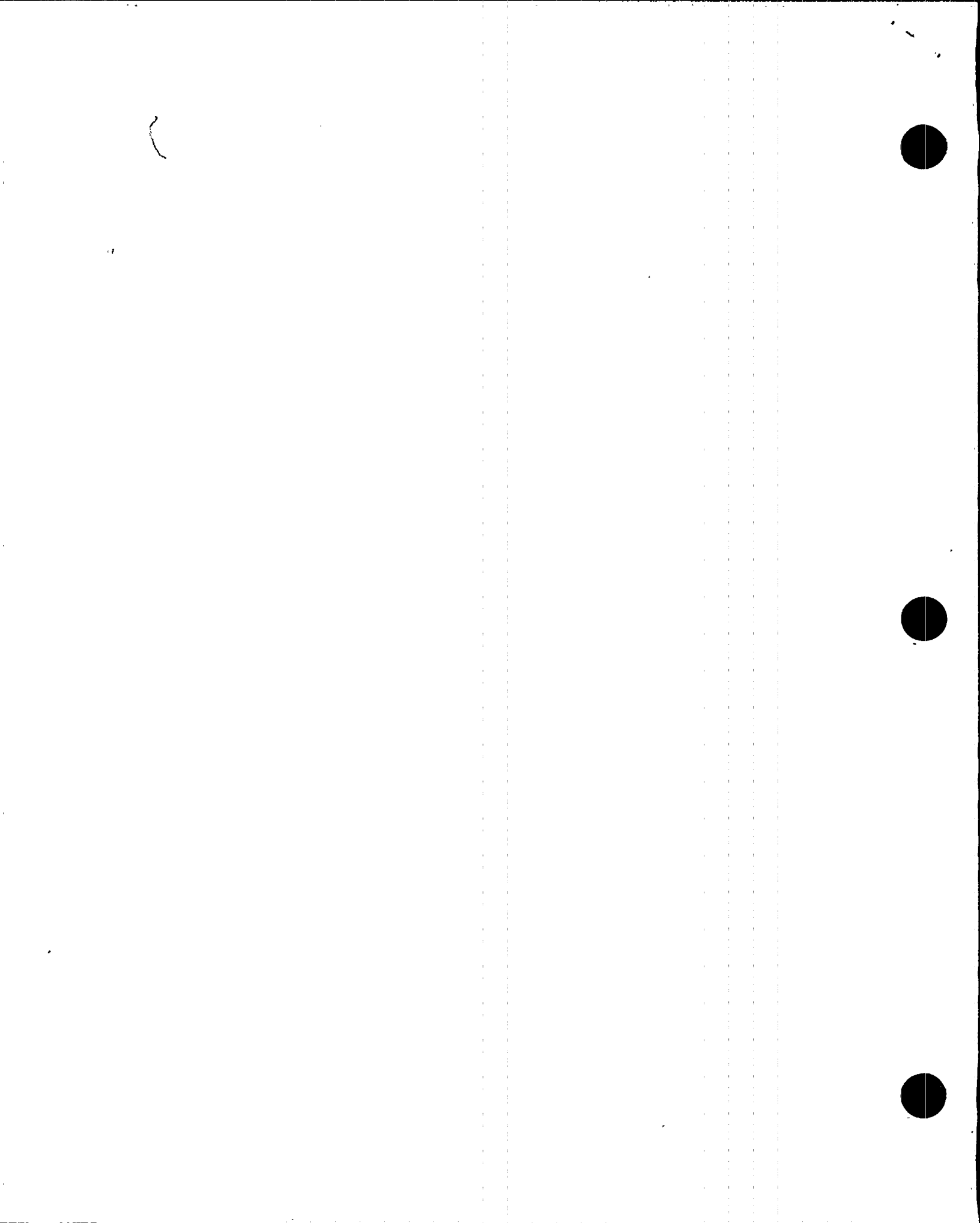
**Description Of Item:**

13.8 KV BREAKER PERIODIC MAINTENANCE REQUIREMENTS WILL BE EVALUATED BY EED BASED ON A REVIEW OF THE TECHNICAL MANUAL AND OTHER INFORMATION THAT HAS BEEN PROVIDED BY THE VENDOR

**Closure Documentation Required:**

**Compliance Engineering:**

Status: COMPL Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 509 Date Due: 05/22/89

Responsible Group: NED/I&C Source Of Item: IIR 2-1

Description Of Item:  
EVALUATE FREQUENCY FOR CALIBRATION OF INSTRUMENT LOOPS. (NED #89-CD-008).

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 17

Restart Item: P Record Number: 510 Date Due:

Responsible Group: EED/MECH Source Of Item: IIR 2-1

Description Of Item:  
EVALUATE THE NEED FOR A PM TO CLEAN THE OPERATOR SHAFT ON A SCHEDULED BASIS (EER #89-CD-013)..

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999

Restart Item: P Record Number: 511 Date Due: 06/30/89

Responsible Group: NED/MECH Source Of Item: IIR 2-1

Description Of Item:  
EVALUATE THE NEED FOR A SETPOINT CHANGE ON CONTROLLERS 1JCDNF1C0026, 0027 & 0028. PRESENT SETPOINT IS 4000 GPM. RECOMMENDED SETPOINT IS 4500 GPM. THIS NEW SETPOINT WOULD RAISE THE FLUCTUATION BAND ON THE CONTROLLER ABOVE THE ALARM SETPOINT.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -22



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 513 Date Due: 12/31/90

Responsible Group: SOWERS Source Of Item: IIR 2-1

**Description Of Item:**

EVALUATE AND IMPLEMENT AS REQUIRED, A DESIGN CHANGE TO PROVIDE LOW FLOW INITIATION CAPABILITY FOR LONG PATH RECIRCULATION. ENSURE APPROVAL OF THE PLANT CHANGE PACKAGE.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -571

Restart Item: P Record Number: 522 Date Due: 07/19/89

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

**Description Of Item:**

DETERMINE THE CAUSE FOR THE SSO RELAY ACTUATION AND IMPLEMENT NECESSARY CORRECTIVE ACTIONS AS IDENTIFIED BY THE SSO RELAY ENGINEERING ACTION PLAN.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 523 Date Due: 07/19/89

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

**Description Of Item:**

CONSIDER INCREASING TO "2 OF 2" OR "2 OF 3" LOGIC TO MINIMIZE SPURIOUS SSO INDUCED GENERATOR BREAKER TRIPS.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 527 Date Due: 07/19/89

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

**Description Of Item:**

PERFORM ROOT CAUSE FAILURE ANALYSIS ON THE FAILED TIMER CARD IAW EER 89-SF-014 INCLUDING A REVIEW OF MAINTENANCE, MODIFICATION HISTORY AND EVALUATION OF THE CIRCUIT DESIGN AND ASSOCIATED CIRCUITRY ONCE THE INDIVIDUAL FAILURE IS IDENTIFIED

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 531 Date Due: 07/19/89

Responsible Group: NSG/ISEG/QA Source Of Item: IIR2-3D

**Description Of Item:**

THE OVERSIGHT GROUPS SHOULD REVIEW THEIR APPLICABLE PROGRAMS/PROCEDURES GOVERNING THEIR RESPONSIBILITIES WITH RESPECT TO IIR'S REVIEWS BASED ON THE FACT THAT A CONCERN WAS MISSED IN A PREVIOUS SPEER.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 534 Date Due: 07/16/89

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

**Description Of Item:**

EVALUATE THE PRESENT DESIGN OF THE "BREAKER-ONLY" TRIPPING SCHEME PER EER 88-MA-003 FOR POSSIBLE ENHANCEMENTS TO THE FAST-BUS TRANSFER SCHEME.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -38





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 539 Date Due: 06/19/89

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

**Description Of Item:**

EVALUATE AND RECOMMEND A BETTER (LESS FAILURE PRONE) METHOD OF ATTACHING ADV HANDWHEELS IAW EER 89-SG-144

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -11

Restart Item: P Record Number: 543 Date Due: 07/19/89

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

**Description Of Item:**

EVALUATE AND PROVIDE RECOMMENDATIONS FOR LOCAL ADV VALVE POSITION INDICATION SO THAT VALVE POSITION CAN BE OBSERVED FROM THE OPERATING PLATFORM IAW EER 89-SG-145.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 547 Date Due: 07/19/89

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

**Description Of Item:**

EVALUATE THE ADEQUACY OF THE NEW IIR PROGRAM IN LIGHT OF INITIAL EXPERIENCE IN ITS IMPLEMENTATION. MAKE APPROPRIATE MODS AS INDICATED. THE ASPECTS SUCH AS RESOURCE INTENSITY, TIMELINESS, AND APPROPRIATENESS FOR CAT 1-4 EVENTS SHOULD BE ADDRESSED

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 571 Date Due: 08/19/89

Responsible Group: VP-NUCLEAR PROD Source Of Item: IIR2-3D

**Description Of Item:**

EVALUATE THE ADMINISTRATIVE CONTROLS REGARDING THE FLOW OF INFORMATION CONCERNING DEFICIENCIES BETWEEN WORK CONTROL GROUPS AND ENGINEERING BETWEEN THE ENGINEERING GROUPS AND MANAGEMENT

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 572 Date Due: 08/19/89

Responsible Group: VP-NUCLEAR PROD Source Of Item: IIR2-3D

**Description Of Item:**

EVALUATE THE ADMINISTRATIVE CONTROLS REGARDING THE POLICIES AND PROCEDURES FOR DECISION MAKING INCLUDING DESIGN/MODIFICATION PROGRAM (E.G., THE PCR/DCP PROGRAM, PM PROGRAM).

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 574 Date Due: 11/19/89

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

**Description Of Item:**

CONDUCT A REVIEW OF ALL EXISTING SPEER AND PTRR TO ENSURE THAT CORRECTIVE ACTIONS HAVE BEEN APPROPRIATELY IDENTIFIED AND ARE BEING TRACKED.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -164



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 576 Date Due: 07/19/89

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

**Description Of Item:**

EVALUATE INCLUDING A SYSTEM ENGINEERING REVIEW SIGNATURE ON UFSAR CHANGES TO ASSURE THAT SYSTEM ENGINEER IS COGNIZANT OF ALL CHANGES.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 608 Date Due: 08/19/89

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

**Description Of Item:**

PERFORM AN EVALUATION (E.G. RISK-BASED ANALYSIS) ON A DESIGN CHANGE TO AUTOMATICALLY PROTECT THE RCP SEALS ON A LOSS OF NON-CLASS POWER (EER 89-RC-023).

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 616 Date Due: 07/19/89

Responsible Group: CHEM STANDARDS Source Of Item: IIR2-3D

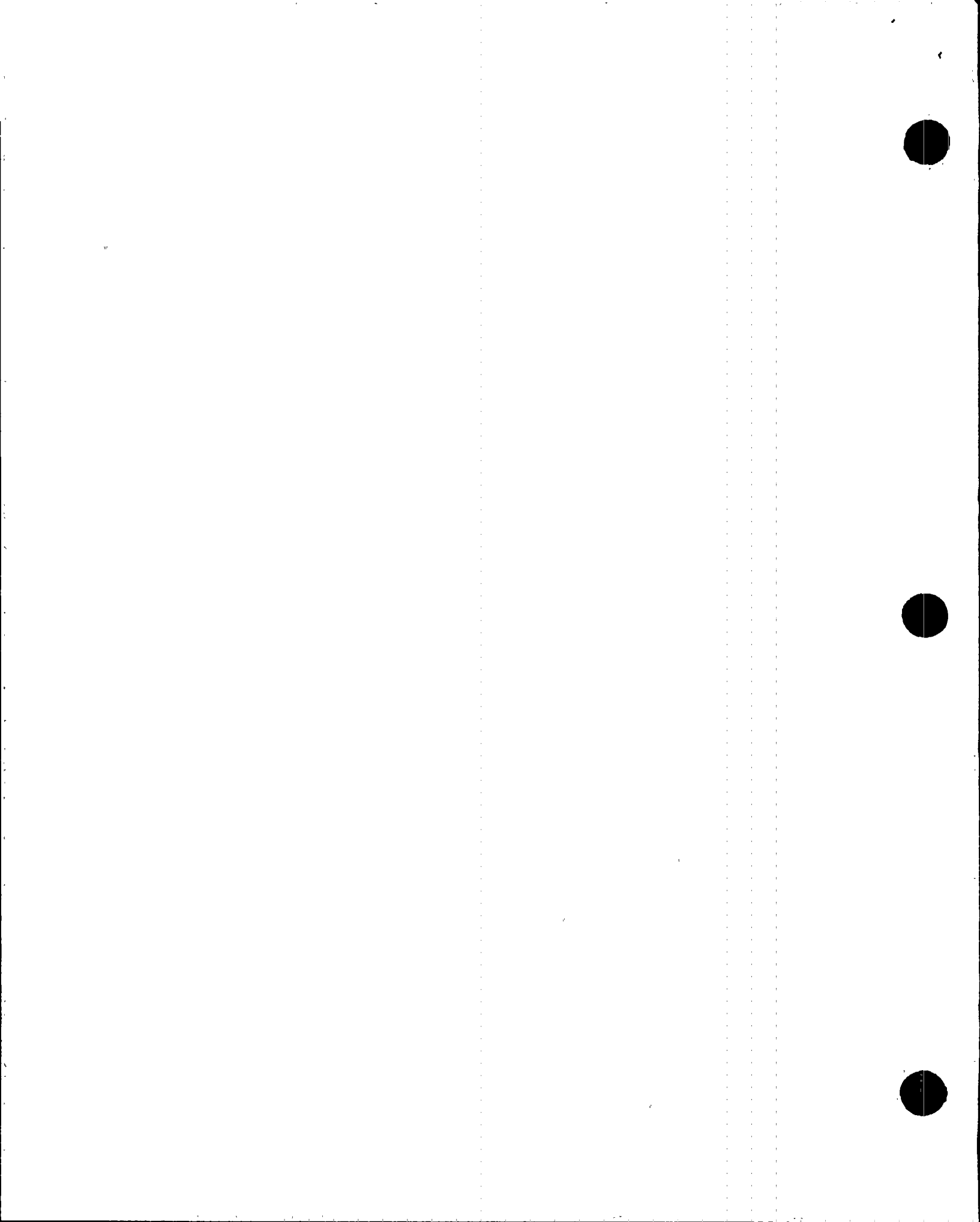
**Description Of Item:**

EVALUATE THE CREATION OF A PROCEDURE TO ADDRESS POST-TRIP RESPONSE FOR CHEMISTRY TECHNCIANS (ICR #08532 SUBMITTED).

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 619 Date Due: 07/19/89

Responsible Group: EMERG PLANNING Source Of Item: IIR2-3D

**Description Of Item:**

EVALUATE THE 15 MINUTE REQTS FOR GENERATION OF PARS TO DETERMINE IF AN ACTUAL OFF-SITE DOSE CALCULATION IS REQ'D OR CAN BE BASED ON DEFAULT NUC-PARS UNTIL RADIATION LEVEL MEASUREMENTS ARE AVAILABLE. UPDATE E-PLAN PROCEDURES ACCORDINGLY BASED ON THE EVAL

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 623 Date Due: 06/19/89

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

**Description Of Item:**

EVALUATE AND GENERATE THE APPROPRIATE FOLLOW-UP DOCUMENT TO DETERMINE WHY SGA-UV-172 FAILED TO OPEN.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -11

Restart Item: P Record Number: 625 Date Due: 06/19/89

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

**Description Of Item:**

EVALUATE AND GENERATE THE APPROPRIATE FOLLOW-UP DOCUMENT TO DETERMINE WHY SGE-UV-169 WAS UNABLE TO BE OPENED FROM THE CONTROL ROOM

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -11





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PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 639 Date Due: 08/19/89

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

Description Of Item:

PERFORM AN ENGINEERING EVALUATION OF THE ALARM PROCESSING FUNCTION OF THE PLANT MONITORING COMPUTER SYSTEM AND MAKE RECOMMENDATIONS. EERS 89-RJ-010, 011, 012 & 013.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 646 Date Due: 07/19/89

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

Description Of Item:

EVALUATE USING PMS POINTS TO AUTOMATICALLY LOG AUXILIARY SPARY TEMPERATURE AND PRESSURIZER TEMPERATURE WHEN AUXILIARY SPRAY IS USED.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 647 Date Due: 07/19/89

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

Description Of Item:

EVALUATE MODIFYING THE EP AND/OR APPLICABLE RO PROCEDURES TO INCLUDE STEPS WHICH REQUIRE THE LOGGING OF ALL REQUIRED AUXILIARY SPARY INFORMATION.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 659 Date Due: 07/31/89

Responsible Group: EED/MECH Source Of Item: ADV

Description Of Item:

EVALUATE DATA FROM STROKING PROGRAM/BONNET PRESSURE CHECKS AND ADJUST FREQUENCY OF PERFORMANCE AS REQUIRED ON ADVS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -53

Restart Item: P Record Number: 661 Date Due: 07/31/89

Responsible Group: EED/MECH Source Of Item: ADV

Description Of Item:

EVALUATE DATA FROM STROKING PROGRAM TO ENSURE HIGH FORCES DO NOT OCCUR ON ADVS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -53

Restart Item: P Record Number: 678 Date Due: 03/31/90

Responsible Group: NED/MECH Source Of Item: ADV

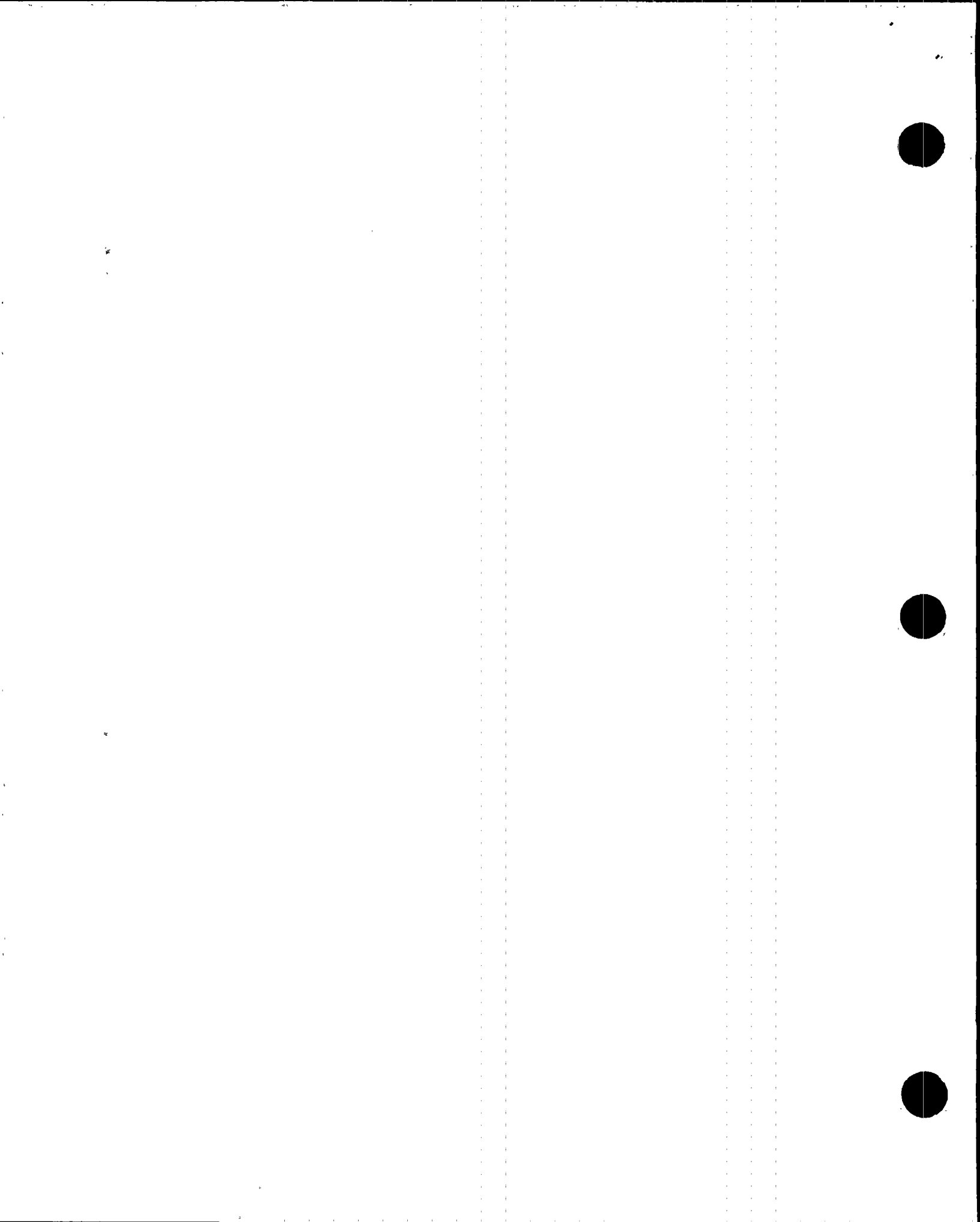
Description Of Item:

NUCLEAR ENGINEERING DEPARTMENT PERFORM OVERALL DESIGN REVIEW OF ADV SUBSYSTEM ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-296



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 680 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV

Description Of Item:

EVALUATE THE NEED FOR MODIFICATION TO INSTALL DOUBLE VALVE ISOLATION (INCLUDING A LEAKOFF VALVE) BETWEEN ACCUMULATOR AND HIGH PRESSURE NITROGEN SYSTEM ON PNEUMATIC SUBSYSTEM.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 719 Date Due: 08/01/89

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

COMPLETE COMPRESSED GAS SYSTEM DEMAND CALCULATION

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54

Restart Item: P Record Number: 720 Date Due: 05/30/89

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

COMPLETE A CALCULATION TO DETERMINE THE EFFECTS OF OFF-NORMAL INSTRUMENT AIR SUBSYSTEM FLOWRATES ON THE INSTRUMENT AIR DRYERS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 9



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 721 Date Due: 03/31/90

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

COMPLETE INSTRUMENT AIR SUBSYSTEM FORMAL DESIGN BASIS REVIEW AND  
FINALIZE THE SUBSYSTEM DESIGN BASIS MANUAL

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-296

Restart Item: P Record Number: 724 Date Due: 12/31/89

Responsible Group: NED/ELEC Source Of Item: COMPGAS

Description Of Item:

PERFORM A STUDY TO DETERMINE IF IT IS DESIRABLE TO USE IE POWER FOR  
ONE OR MORE COMPRESSORS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-206

Restart Item: P Record Number: 739 Date Due: 03/31/90

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

COMPLETE THE NITROGEN SUBSYSTEM DESIGN BASIS REVIEW AND FINALIZE THE  
DESIGN BASIS MANUAL

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-296





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 741 Date Due: 06/15/89

Responsible Group: NED/MECH Source Of Item: COMPGAS

**Description Of Item:**

PERFORM A PNEUMATIC PRESSURES VS. LEAK RATE CALCULATION TO DETERMINE THE TIME PERIOD THAT THE VALVE WILL REMAIN FUNCTIONAL AFTER A LOSS OF THE INSTRUMENT AIR SUBSYSTEM.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -7

Restart Item: P Record Number: 774 Date Due: 06/01/89

Responsible Group: NED/ELEC Source Of Item: EDR

**Description Of Item:**

REVIEW ALL PLANT TRIPS AND EVALUATE ELECTRICAL DISTRIBUTION SYSTEM INVOLVEMENT-PVNGS UNIT TRIP STUDY PHASE 1

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: 7

Restart Item: P Record Number: 775 Date Due: 07/14/89

Responsible Group: NED/ELEC Source Of Item: EDR

**Description Of Item:**

INITIATE STUDIES ON THE FOLLOWING: 1) ELECTRICAL POWER SYSTEMS RELIABILITY STUDY.

2) STATION BLACKOUT STUDY

3) RELAY SETTING/COORDINATION EVALUATION

4) LIGHTNING EVALUATION. PVNGS ELECTRICAL RELIABILITY STUDIES PHASE 2

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -36



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 780 Date Due: 03/16/90

Responsible Group: NED/ELEC Source Of Item: EDR

**Description Of Item:**

ELECTRICAL DISTRIBUTION SYSTEM ALIGNMENT ALTERNATIVES-SSO AND GEN.  
BACK-UP DISTANCE RELAY INITIATED FBT MODIFICATION

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -281

Restart Item: P Record Number: 782 Date Due: 06/30/89

Responsible Group: NED/MECH Source Of Item: COMPGAS

**Description Of Item:**

PERFORM A LEAK RATE CALCULATION TO ENSURE THAT THE MSIV AND FWIV  
PNEUMATIC ACCUMULATORS ARE SIZED PROPERLY

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -22

Restart Item: P Record Number: 790 Date Due: 09/19/89

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

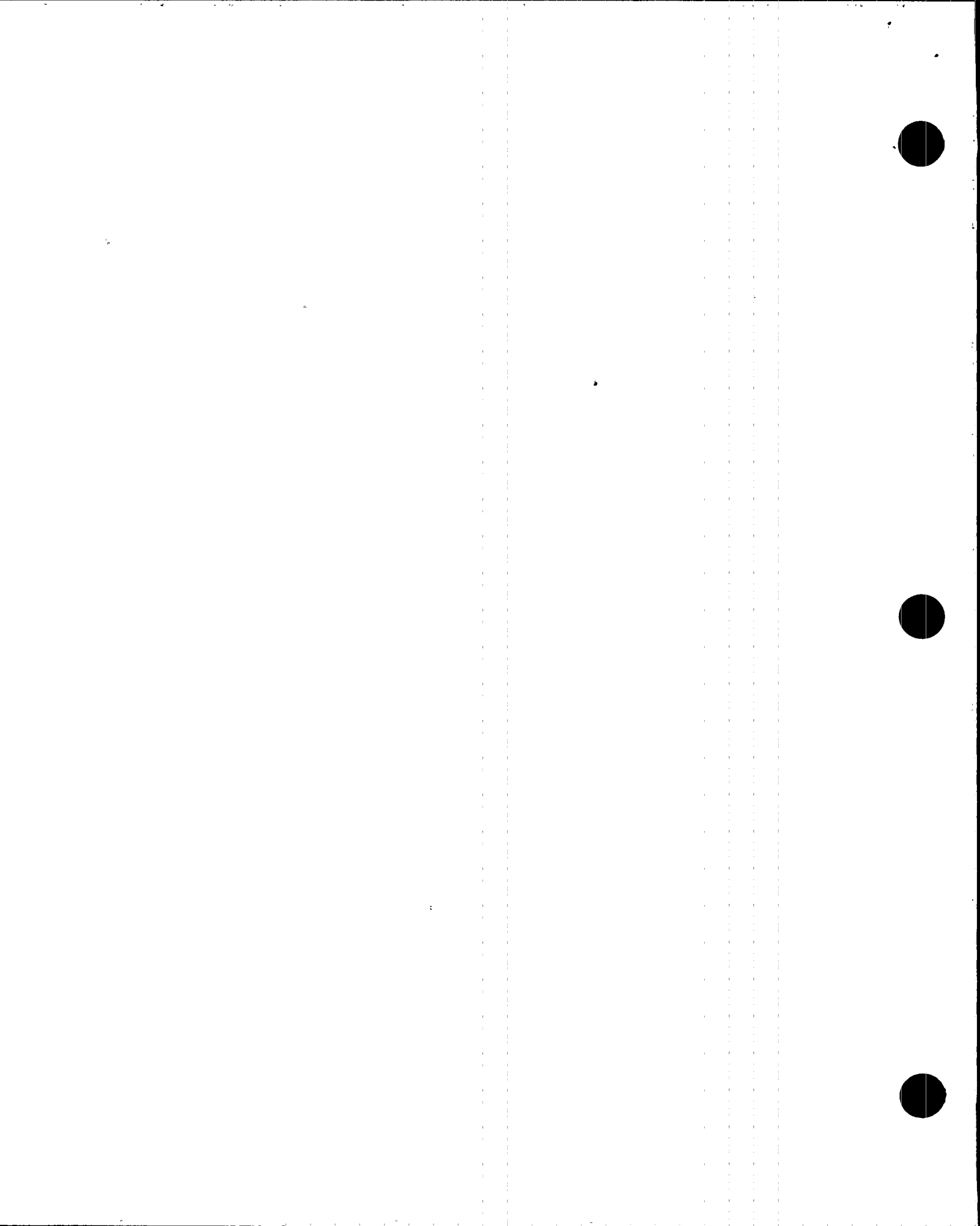
**Description Of Item:**

REVIEW EMERGENCY/ESSENTIAL LIGHTING REQUIREMENTS AND DESIGN FOR THE  
CHEMISTRY LABS AND AREA AROUND THE PAMU TO ENSURE ADEQUATE LIGHTING  
EXISTS TO SUPPORT REQUIRED POST TRIP ANALYSIS

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -103



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 793 Date Due: 07/31/92

Responsible Group: EED/ELEC

Source Of Item: LIGHT

**Description Of Item:**

WHERE NON-DESIGN BASIS DISCREPANCIES WERE FOUND, THEY WILL BE RESOLVED AS A MAJOR PROJECT. THIS PROJECT WILL PERFORM A COMPREHENSIVE REVIEW OF ALL LIGHTING (EMERGENCY, ESSENTIAL AND NORMAL)

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN

Days Until Due Date:--\*\*\*

Restart Item: P Record Number: 804 Date Due: 11/06/89

Responsible Group: EED/I&C

Source Of Item: SBCS

**Description Of Item:**

EVALUATE THE FEASIBILITY OF PERFORMING AN ON-LINE FUNCTIONAL SBCS TEST WITH APPROPRIATE PERIODICITY

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN

Days Until Due Date:--151

Restart Item: P Record Number: 805 Date Due: 11/06/89

Responsible Group: NED/I&C

Source Of Item: SBCS

**Description Of Item:**

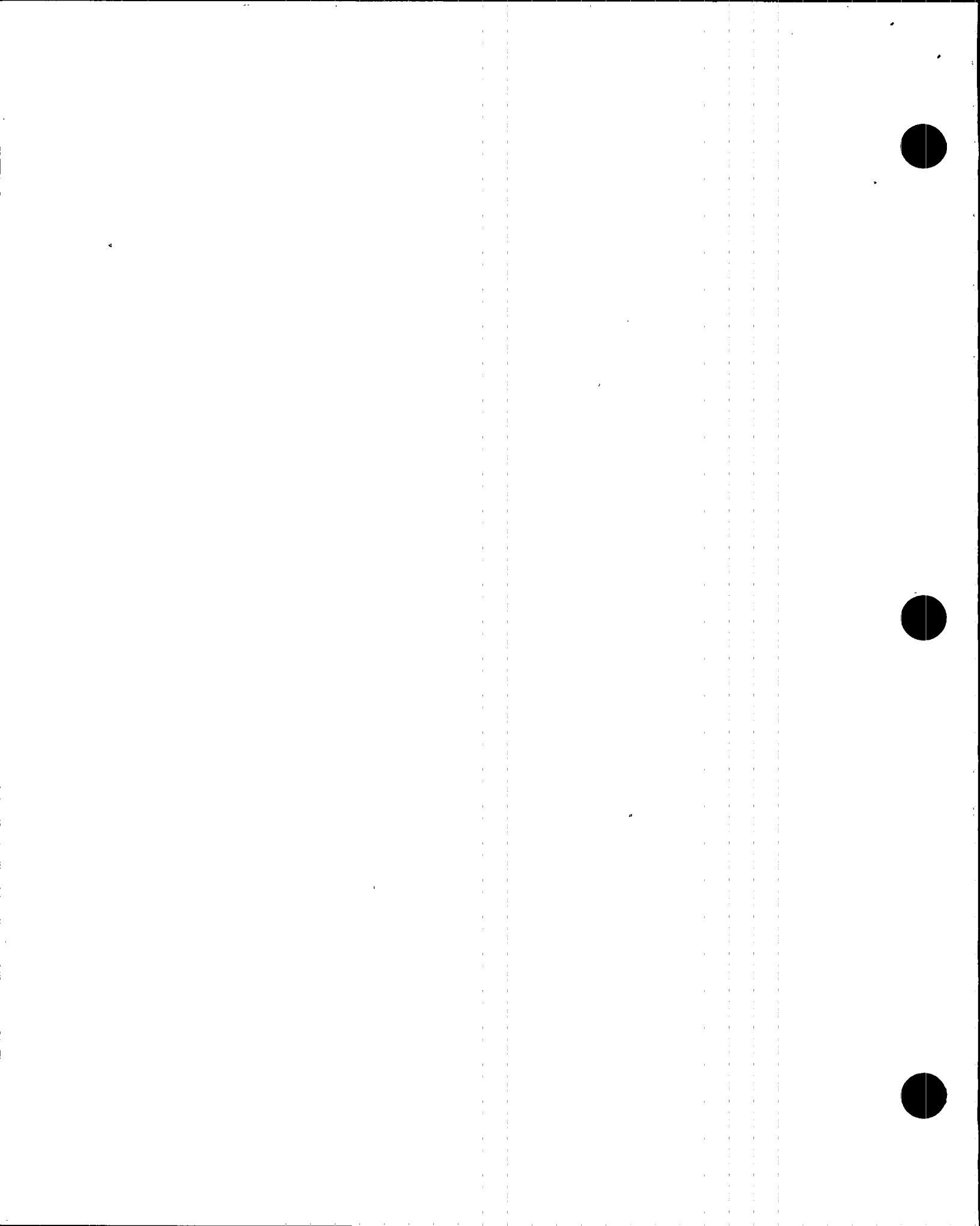
A PLANT CHANGE REQUEST TO REQUIRE ADDITIONAL CABLING AND CHANGEOUT OF EQUIPMENT FOR THE SBCS VALVE POSITION INDICATION ON THE MAIN CONTROL PANAL HAS BEEN APPROVED

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN

Days Until Due Date:--151



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 807 Date Due: 11/06/89

Responsible Group: NED/ELEC Source Of Item: SBCS

Description Of Item:  
THIRD PARTY REVIEW FOR SBCS OPTIMIZATION WILL BE CONDUCTED

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -151

Restart Item: P Record Number: 809 Date Due: 09/06/89

Responsible Group: EED/I&C Source Of Item: SBCS

Description Of Item:  
PERFORM ROOT CAUSE FAILURE ON UNIT 3 PERMISSIVE TIMER CARD

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -90

Restart Item: P Record Number: 810 Date Due: 09/06/89

Responsible Group: NED/PRA Source Of Item: SBCS

Description Of Item:  
PERFORM RELIABILITY AND PROBABILITY ASSESSMENT TO DETERMINE  
ENHANCEMENTS/RECOMMENDATIONS OF POSSIBLE COMPONENT REPLACEMENT TO SBCS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -90





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:53:26

Restart Item: P Record Number: 819 Date Due: 12/31/89  
Responsible Group: STERLING Source Of Item: NRC 6/5

Description Of Item:  
REEVALUATE THE POTENTIAL FOR MOISTURE BREAKTHROUGH AT HIGH FLOW RATES  
(IA)

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -206

Restart Item: P Record Number: 824 Date Due: 08/31/89  
Responsible Group: REILLY Source Of Item: INPO

Description Of Item:  
EVALUATE PM PROGRAM, RECOMMEND IMPROVEMENTS, AND DEVELOP AN  
IMPLEMENTATION SCHEDULE

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:57:03

Restart Item: P Record Number: 645 Date Due: 09/19/89

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

**Description Of Item:**

MANAGEMENT SHALL PROVIDE AN EVALUATION OF THE PROCEDURE PREPARATION METHODOLOGY (I.E., THE PROCEDURE WRITERS GUIDE) AND DETERMINE IF ADDITIONAL CHANGES ARE REQUIRED TO IMPROVE PROCEDURE FORMAT AND CONTENT.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -103

Restart Item: P Record Number: 773 Date Due: 06/30/89

Responsible Group: NED Source Of Item: ADV

**Description Of Item:**

INVESTIGATE WHY THE GAUGES WERE NOT REMOVED DURING IMPLEMENTATION OF DCP 3CM-SG-305

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: -22

Restart Item: P Record Number: 785 Date Due:

Responsible Group: SOWERS Source Of Item: COMPGAS

**Description Of Item:**

A LETTER WILL BE ISSUED TO ALL EED ENGINEERS AND UNIT MAINTENANCE MANAGERS REQUIRING 1) DOCUMENT SUSPECT PNEUMATIC VALVE FAILURES DUE TO CONTAMINATION, MOISTURE, CORROSION

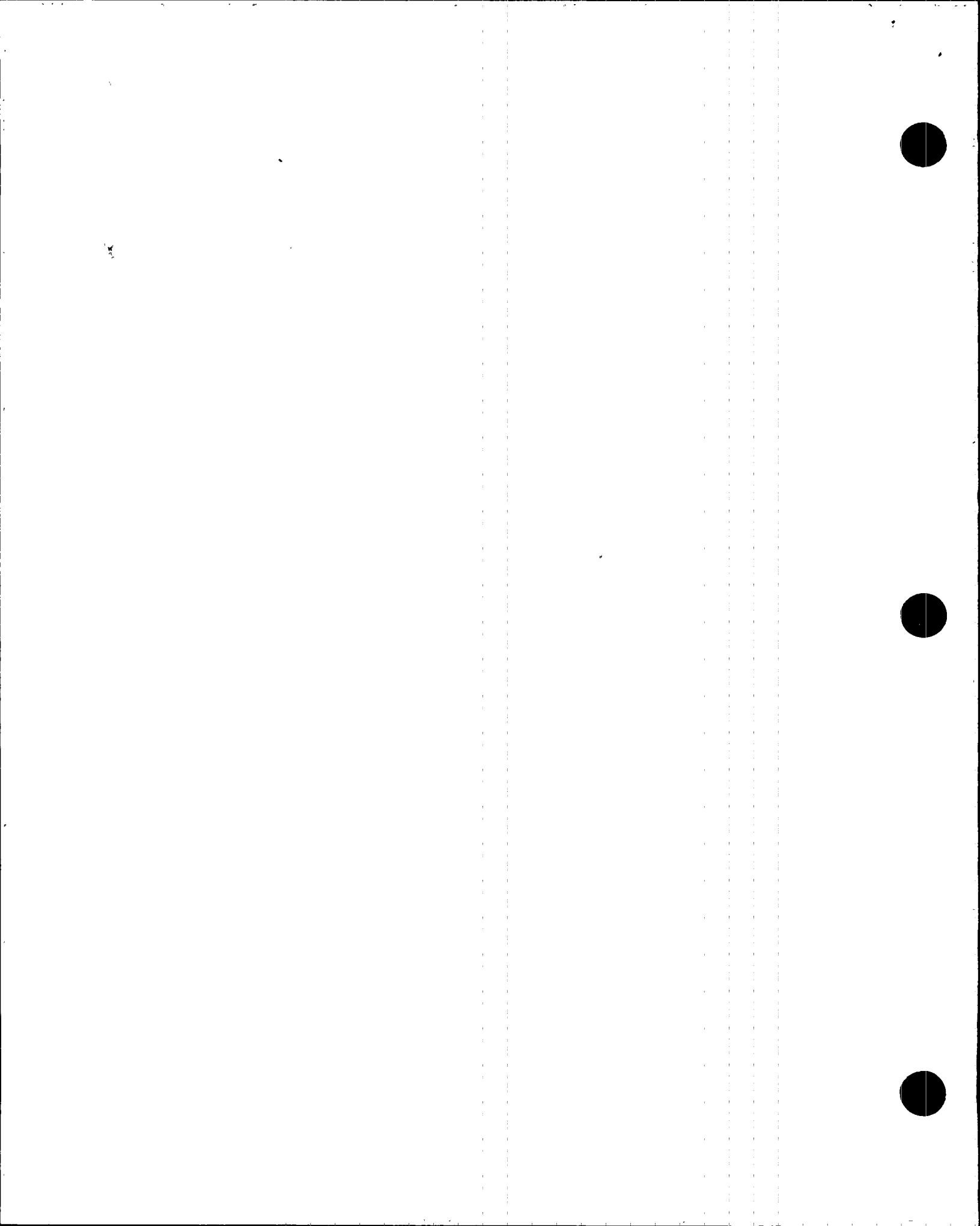
2) SAVE CONTAMINATED MATERIAL

3) MAINT. INITIATES EERS FOR CONTAMINATION CONCERN

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:57:03

Restart Item: P Record Number: 811 Date Due:

Responsible Group: MARSH Source Of Item: NRC 6/5

Description Of Item:  
COMPLETE THE EVALUATIONS BEING CONDUCTED BY THE MANAGEMENT ASSESSMENT  
TEAM AND SUBMIT CORRECTIVE ACTION PLANS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 813 Date Due:

Responsible Group: KARNER Source Of Item: NRC 6/5

Description Of Item:  
DEVELOP AND ISSUE GOALS FOR EXISTING BACKLOG (ie WO, EER, DCP)

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 814 Date Due: 08/31/89

Responsible Group: BALLARD Source Of Item: NRC 6/5

Description Of Item:  
IMPROVE HOTLINE CREDIBILITY

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84

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PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:57:03

Restart Item: P Record Number: 815 Date Due: 08/31/89

Responsible Group: ALLEN JM Source Of Item: NRC 6/5

Description Of Item:  
DEVELOP AND ISSUE CRITERIA FOR THE MANAGEMENT PLANT TOUR PROGRAM

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84

Restart Item: P Record Number: 816 Date Due: 08/31/89

Responsible Group: BALLARD Source Of Item: NRC 6/5

Description Of Item:  
DEVELOP AND IMPLEMENT AN NCR PROGRAM

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84

Restart Item: P Record Number: 817 Date Due:

Responsible Group: SOWERS Source Of Item: NRC 6/5

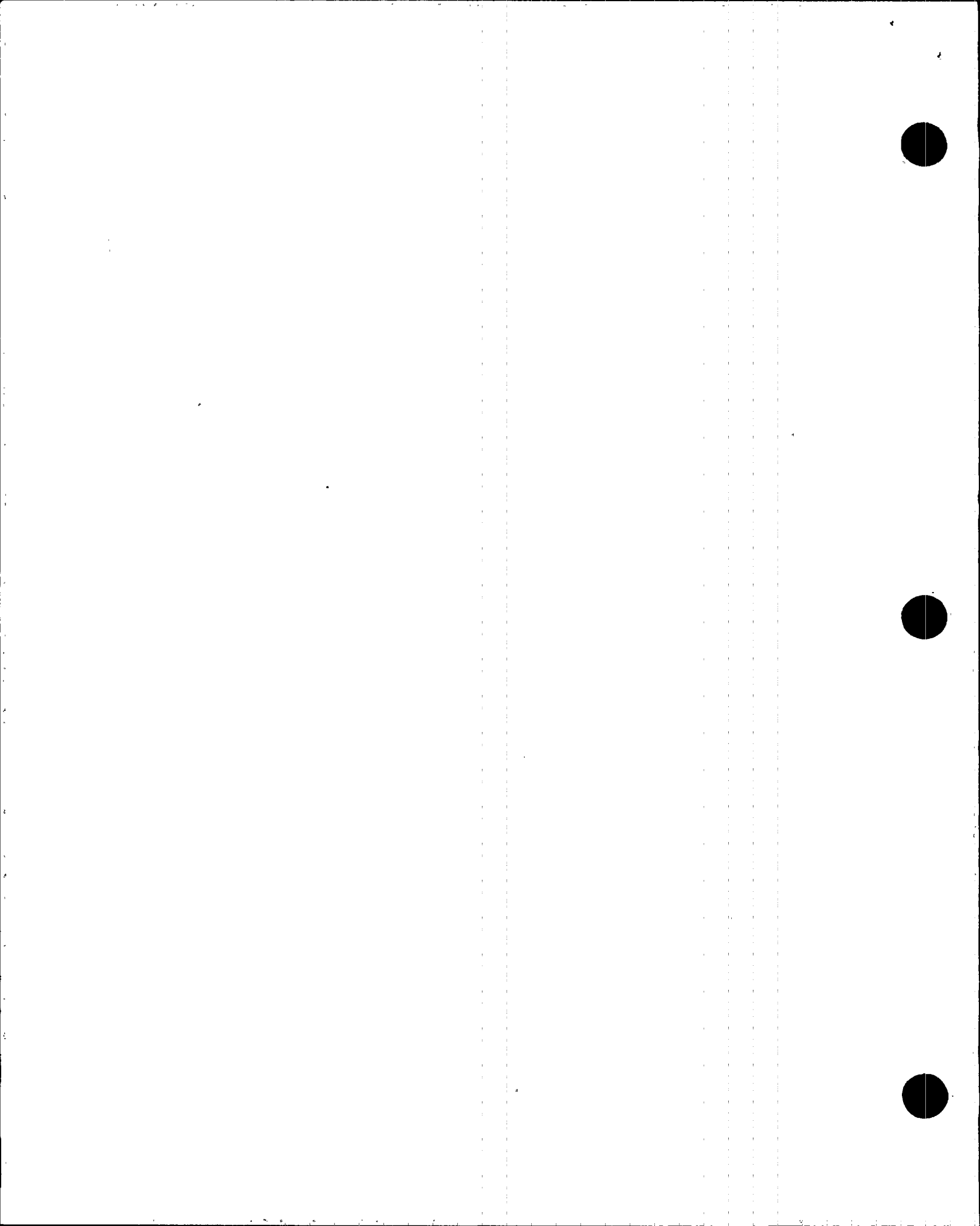
Description Of Item:  
DEVELOP AND IMPLEMENT A PLAN TO REDUCE THE "BOGUS" COMPUTER GENERATED ALARMS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:57:03

Restart Item: P Record Number: 818 Date Due: 07/30/89

Responsible Group: HUGHES Source Of Item: NRC 6/5

Description Of Item:

CONDUCT, EVALUATE, AND ISSUE A CASE STUDY REPORT ON THE RADIATION PROTECTION PROBLEMS ASSOCIATED WITH THE UNIT 3 EVENT

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -52

Restart Item: P Record Number: 821 Date Due:

Responsible Group: REILLY Source Of Item: NRC 6/5

Description Of Item:

CONDUCT, EVALUATE, AND ISSUE A CASE STUDY REPORT ON WHY INSTRUMENT AIR PROBLEMS WERE NOT SURFACED AND CORRECTED

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 822 Date Due: 08/31/89

Responsible Group: BALLARD Source Of Item: NRC 6/5

Description Of Item:

EVALUATE THE OVERALL CORRECTIVE ACTION SYSTEM AND SUBMIT CORRECTIVE ACTION PLANS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 12:57:03

Restart Item: P Record Number: 823 Date Due: 08/31/89

Responsible Group: FERNOW Source Of Item: NRC 6/5

Description Of Item:

TRAINING ASSESSMENT TEAM CONDUCT AN EVALUATION OF THE SIMULATOR  
INCLUDING PROPOSED UPGRADES AND SUBMIT CORRECTIVE ACTION PLANS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 7 Date Due:

Responsible Group: EED/ELEC Source Of Item: TDS/DRH

Description Of Item:

Ensure that the appropriate long-life light bulbs are utilized in essential lighting

Closure Documentation Required: DEVELOP PM

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 50 Date Due: 04/13/90

Responsible Group: WORK CONT/U2 Source Of Item: AIT 19

Description Of Item:

COMPLETE REQUIRED PM ON ALL 13.8 KV BREAKERS DURING THE REFUELING OUTAGE

Closure Documentation Required: DISCUSS

Compliance Engineering:

Status: OPEN Days Until Due Date: -309

Restart Item: P Record Number: 66 Date Due: 01/25/91

Responsible Group: PS&C Source Of Item: AIT 33

Description Of Item:

AN EQUIPMENT QUALIFICATION PROGRAM REQUIREMENT FOR REPLACEMENT OF POSITIONER COMPONENTS ON A SIX YEAR CYCLE HAS BEEN ISSUED FOR UNIT 1 AND IS PLANNED FOR THE OTHER UNITS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -596



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 503 Date Due:

Responsible Group: PS&C

Source Of Item: IIR 2-1

Description Of Item:

PREVENTIVE MAINTENANCE TASKS AND PROCEDURES SHOULD BE REVISED TO INCLUDE ALL THE MAINTENANCE REQUIREMENTS THAT EED HAS DETERMINED TO BE NECESSARY FOR 13.8 KV BREAKERS.

Closure Documentation Required:

Compliance Engineering:

Status: COMPL

Days Until Due Date: 999

Restart Item: P Record Number: 552 Date Due: 07/19/89

Responsible Group: PS&C

Source Of Item: IIR2-3D

Description Of Item:

DEVELOP A PM FOR PERIODIC TESTING OF THE RSP INDICATING LIGHTS FOLLOWING DISPOSITION OF EER 89-XE-021.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN

Days Until Due Date: -41

Restart Item: P Record Number: 658 Date Due: 07/31/89

Responsible Group: EED/MECH

Source Of Item: ADV

Description Of Item:

PERFORM MONTHLY STROKING PROGRAM (30% STROKE) AND PERFORM WEEKLY BONNET PRESSURE CHECKS ON ADVS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN

Days Until Due Date: -53





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 660 Date Due: 06/30/89

Responsible Group: EED/MECH Source Of Item: ADV

Description Of Item:  
PERFORM QUARTERLY ST ON ADVS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -22

Restart Item: P Record Number: 676 Date Due: 07/31/89

Responsible Group: EED/MECH Source Of Item: ADV

Description Of Item:  
MONITOR PERFORMANCE OF REGULATORS DURING OPERATION OF ADVS ON  
PNEUMATIC SUBSYSTEM.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -53

Restart Item: P Record Number: 682 Date Due: 07/31/89

Responsible Group: EED/MECH Source Of Item: ADV

Description Of Item:  
MONITOR PERFORMANCE OF POSITIONERS DURING MONTHLY STROKING OF ADVS ON  
PNEUMATIC SUBSYSTEM.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -53



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 683 Date Due:

Responsible Group: WORK CONT/UA Source Of Item: ADV

Description Of Item:

PERFORM PM AS REQUIRED (IF DEFICIENCIES ARE NOTED) AND DURING  
REFUELING OUTAGES ON PNEUMATIC SUBSYSTEMS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 711 Date Due: 09/30/89

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

AFTER TRANSIENT AIR FLOWS ARE OBSERVED, SWITCH TO STANDBY AIR DRYERS  
AND REPLACE THE DESICCANT IN THE AFFECTED DRYERS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -114

Restart Item: P Record Number: 714 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

AFTERCOOLER - INSPECT FOR PLUGGING YEARLY.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 716 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

COMPRESSOR SOLENOID VALVES - INSPECT AND CLEAN AS NECESSARY ON ANNUAL COMPRESSOR TEARDOWN.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54

Restart Item: P Record Number: 717 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

COMPRESSOR SEQUENCE CONTROLLER - ADJUST/VERIFY PROPER OPERATION DURING ANNUAL COMPRESSOR TEARDOWN.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54

Restart Item: P Record Number: 718 Date Due: 04/13/90

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

IA HEADER NITROGEN ISOLATION VALVE - VERIFY PROPER OPERATION AT REFUELING.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-309



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 730 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:  
LIQUID NITROGEN STORAGE TANK - VISUALLY INSPECT EVERY 6 MONTHS.

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999

Restart Item: P Record Number: 731 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:  
TANK PRESSURE BUILDUP/REGULATOR - RUN THE REGULATOR THROUGH 10 PSI OF  
ADJUSTMENT AND RESET TO ORIGINAL SETPOINT EVERY 6 MONTHS.

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999

Restart Item: P Record Number: 732 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:  
CALIBRATE TANK LIQUID LEVEL GAUGE FOR "0" EVERY 6 MONTHS.

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 733 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

LIQUID NITROGEN PUMP - PERFORM MAINTENANCE FOR VARIOUS SUBCOMPONENTS EVERY YEAR OR 1000 HOURS OF OPERATION PER THE TECH. MANUAL.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54

Restart Item: P Record Number: 737 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

NITROGEN SAFETY VALVES - TEST AND RESET EVERY YEAR.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54

Restart Item: P Record Number: 738 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

RUPTURE DISCS - REPLACE RUPTURE DISCS EVERY 3 YEARS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 740 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

INCLUDE A PNEUMATIC LEAK CHECK DURING REGULARLY SCHEDULED DISASSEMBLY OF THE VALVE'S AIR REGULATOR. THIS PM TASK WAS GENERATED AS A GENERIC LETTER 88-14 RESPONSE.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54

Restart Item: P Record Number: 771 Date Due:

Responsible Group: PS&C Source Of Item: ADV

Description Of Item:

PERFORM QUARTERLY NITROGEN LEAKAGE ST

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999

Restart Item: P Record Number: 781 Date Due: 08/01/89

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

MANUALLY "POP" THE INSTRUMENT AIR SAFETY VALVES ONCE EACH REFUELING TO VERIFY PROPER OPERATION.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -54



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 783 Date Due:

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

EVALUATE THE ADDITION OF A PM TO CHECK J-GAN-TCV-48 FOR SHUTOFF AT -20 DEGREES WITH REFRIGERANT EVERY THREE MONTHS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 788 Date Due:

Responsible Group: PS&C Source Of Item: COMPGAS

Description Of Item:

DEVELOP A PM TO RUN THE NITROGEN REGULATORS THROUGH 20 PSIG OF ADJUSTMENTS EVERY THREE MONTHS

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999

Restart Item: P Record Number: 806 Date Due: 09/06/89

Responsible Group: PS&C Source Of Item: SBGS

Description Of Item:

ESTABLISH PM FOR CALIBRATION OF SBGS VALVE POSITION INPUTS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -90



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:38:48

Restart Item: P Record Number: 808 Date Due: 06/21/89

Responsible Group: PS&C

Source Of Item: SBSCS

Description Of Item:

ADD PERMISSIVE TIMER TESTING TO PM PROGRAM

Closure Documentation Required:

Compliance Engineering:

Status: OPEN

Days Until Due Date: -13





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:41:17

Restart Item: P Record Number: 100 Date Due:

Responsible Group: EED/TECH Source Of Item: AIT 70

Description Of Item:

SUBMIT IST PROGRAM REVISIONS TO INCLUDE TESTING OF IA/NITROGEN ISOLATION CHECK VALVES

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999

Restart Item: P Record Number: 495 Date Due: 07/26/89

Responsible Group: EED/RX Source Of Item: IIR 2-1

Description Of Item:

REVISE PROCEDURE 72MT-XSB01 CPC/CEAC SOFTWARE MAINTENANCE PROCEDURE TO INCLUDE RECORDING OF FAILED SENSOR STACK DATA PRIOR TO PERFORMING THE TRIP BUFFER DUMP.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -48

Restart Item: P Record Number: 533 Date Due: 08/19/89

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

Description Of Item:

ESTABLISH A SEIS/SEAS ALARM TESTING PROGRAM, INCORPORATING CHECKING SEIS/SEAS INDICATORS AS APPROPRIATE INTO PM'S AND ST'S. INDICATIONS SHOULD BE VERIFIED FOR ACTUAL COMPONENT STATE CHANGES (E.G. VALVE/DAMPER ACTUATIONS, PUMP STARTS/STOPS, ETC)

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -72



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:41:17

Restart Item: P Record Number: 546 Date Due: 07/19/89

Responsible Group: PS&C

Source Of Item: IIR2-3D

**Description Of Item:**

REVISE PROCEDURES FOR ANALYZING AND DISSEMINATING INCIDENT INVESTIGATION, OPERATIONS AND MAINTENANCE EXPERIENCE TO THE APPROPRIATE DEPARTMENTS, PER THE CHARTER FOR THE PS&C DEPARTMENT.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN

Days Until Due Date: -41

Restart Item: P Record Number: 548 Date Due: 07/19/89

Responsible Group: PS&C/STA

Source Of Item: IIR2-3D

**Description Of Item:**

MODIFY THE IIR PROCEDURE TO INCORPORATE A NOTICE TO APPROPRIATE PERSONNEL THAT AN EVENT HAS OCCURRED AND IS BEING INVESTIGATED.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN

Days Until Due Date: -41

Restart Item: P Record Number: 551 Date Due: 07/19/89

Responsible Group: EED/I&C

Source Of Item: IIR2-3D

**Description Of Item:**

DEVELOP A METHOD FOR TESTING THE RSP INDICATING LIGHTS PER EER 89-XE-021.

**Closure Documentation Required:**

**Compliance Engineering:**

Status: OPEN

Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:41:17

Restart Item: P Record Number: 553 Date Due: 08/19/89

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

Description Of Item:

REVIEW AND MAKE CORRECTIONS TO ODG-30 WHERE DEFICIENCIES EXIST WITH LOCAL INSTRUCTIONS FOR EQUIPMENT OR OPERATION. VERIFY THAT INSTRUCTIONS PROVIDED ARE ADEQUATE FOR EQUIPMENT OPERATION.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 573 Date Due: 08/19/89

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

Description Of Item:

DEVELOP PROCEDURAL GUIDANCE TO DEFINE WHAT CRITERIA IS NECESSARY TO CLOSEOUT/COMPLETE A RECOMMENDED CORRECTIVE ACTION

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 643 Date Due: 07/19/89

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

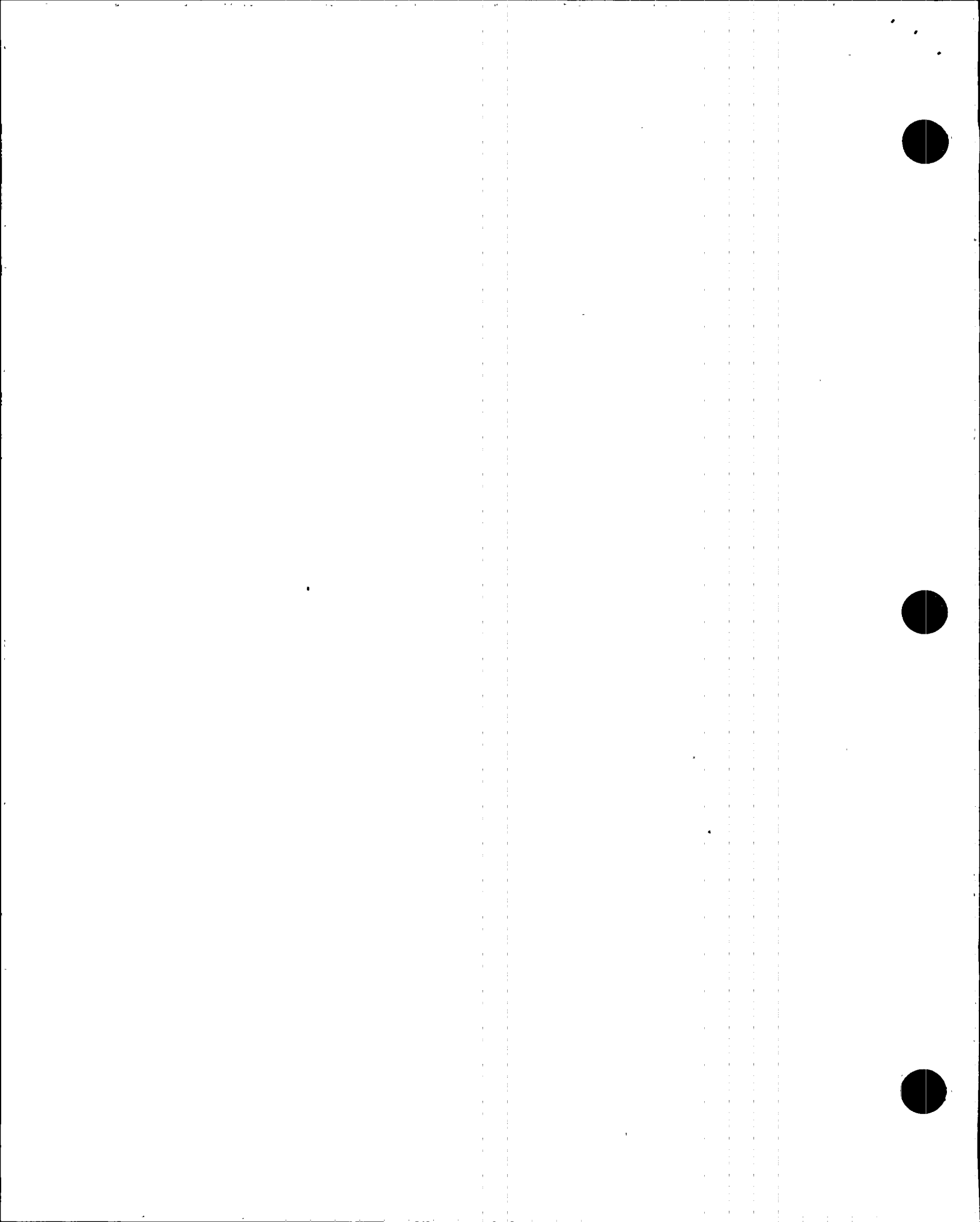
Description Of Item:

MODIFY EMERGENCY OPERATOR PROCEDURES (4XEP-XZZ01) APPENDIX P - RESETTING SIAS/CIAS AND INADVERTENT SIAS AND/OR CIAS (4XAO-XZZ28) TO "TRIGGER" THE 4 HOUR TECHNICAL SPECIFICATION REQUIREMENT.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:41:17

Restart Item: P Record Number: 725 Date Due: 12/31/89

Responsible Group: NED/MECH

Source Of Item: COMPGAS

Description Of Item:

INITIATE A SAMPLING INSPECTION PROGRAM TO DETERMINE THE EFFECTS OF MOISTURE AND PARTICLES IN THE INSTRUMENT AIR SUBSYSTEM. THIS PROGRAM WILL ALSO DETERMINE THE AFFECT OF AIR QUALITY IN THE INSTRUMENT AIR SUBSYSTEM PIPING

Closure Documentation Required:

Compliance Engineering:

Status: OPEN

Days Until Due Date:-206

Restart Item: P Record Number: 786 Date Due:

Responsible Group: PS&C

Source Of Item: COMPGAS

Description Of Item:

DEVELOP A SYSTEMATIC AIR QUALITY PROGRAM

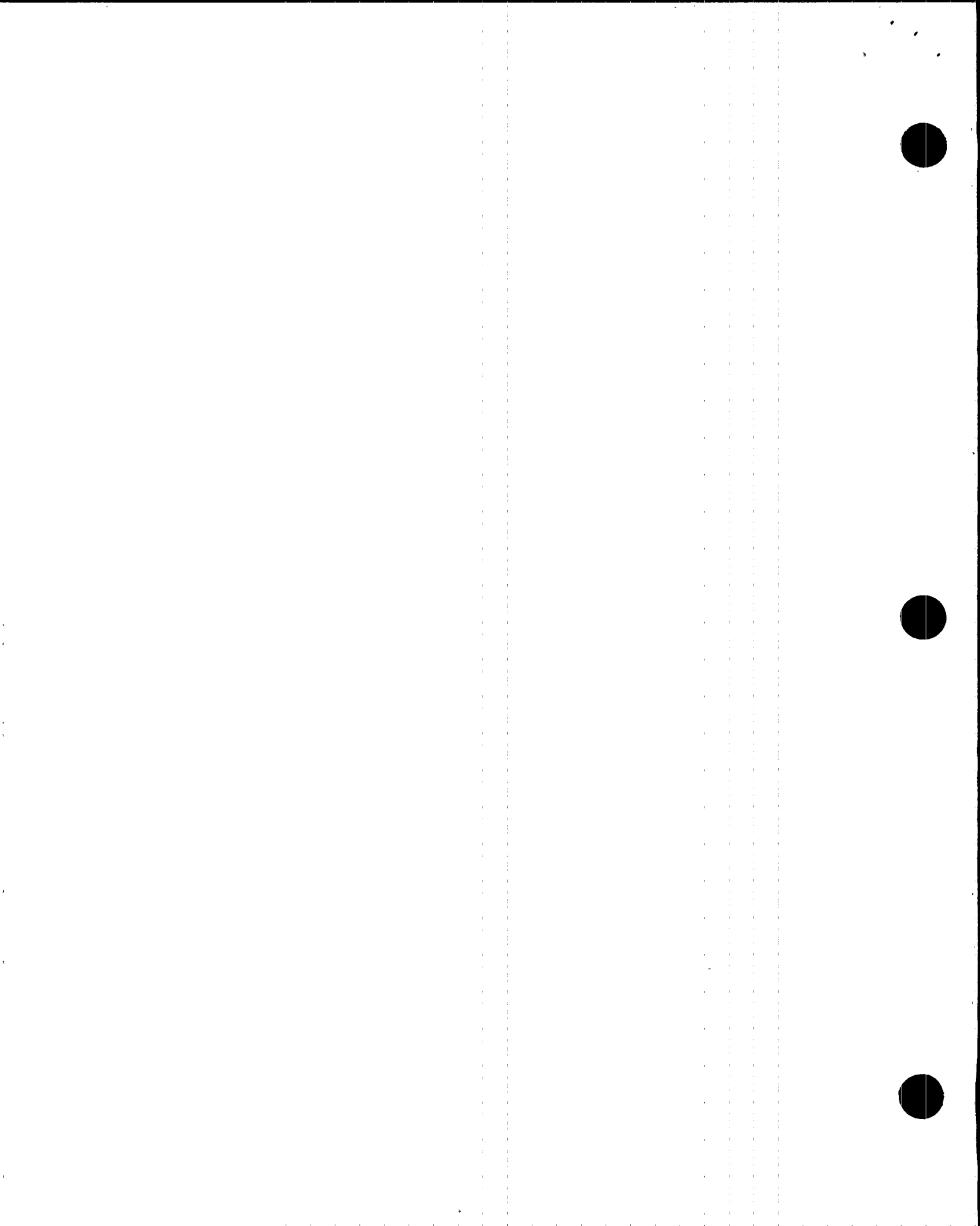
Closure Documentation Required:

Compliance Engineering:

Status: COMPL

Days Until Due Date: 999





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:43:02

Restart Item: P Record Number: 72 Date Due: 09/30/90

Responsible Group: TRAINING Source Of Item: AIT 38

Description Of Item:

THE INITIAL TRAINING ON SYSTEMS OPERATION SHOULD INCLUDE FORMAL CLASSROOM TRAINING SO THAT INSTRUCTOR EMPHASIS CAN BE PROVIDED, AS WELL AS REINFORCEMENT, OF BASIC PRINCIPLES OF OPERATIONS AND SAFETY

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-479

Restart Item: P Record Number: 73 Date Due: 12/31/89

Responsible Group: TRAINING Source Of Item: AIT 38

Description Of Item:

REQUALIFICATION SHOULD BE REQUIRED, AT LEAST FOR INFREQUENTLY OPERATED EQUIPMENT OR SYSTEMS THAT ARE USED DURING EMERGENCY OPERATION

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-206

Restart Item: P Record Number: 74 Date Due: 06/30/89

Responsible Group: TRAINING Source Of Item: AIT 38

Description Of Item:

THE TRAINING DEPARTMENT SHOULD BE AUGMENTED WITH OPERATIONS PERSONNEL WHO ARE LICENSED AND QUALIFIED TO PROVIDE THE AOS WITH THE "KNOWLEDGE/PRACTICAL REQUIREMENTS" NEEDED FOR AO QUALIFICATION

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -22



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:43:02

Restart Item: P Record Number: 557 Date Due: 06/19/89

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

Description Of Item:

PROVIDE ONGOING TRAINING TO OPERATORS WHO MAY BE TASKED WITH LOCAL OPERATION OF EQUIPMENT.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -11

Restart Item: P Record Number: 562 Date Due: 12/31/89

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

Description Of Item:

SIMULATOR TRAINING SHALL INCLUDE REVIEW OF ADV OPERATING EXPERIENCE ASSOCIATED WITH ERRATIC PERFORMANCE AND INCLUDE SCENARIOS ASSOCIATED WITH INABILITY TO OPEN REMOTELY. TRAINING WILL BE PERFORMED ON RECOVERY, EMERGENCY, AND FUNCTIONAL RECOVERY PROCEDURE

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -206

Restart Item: P Record Number: 618 Date Due: 07/19/89

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

Description Of Item:

REVIEW AND MODIFY, AS APPROPRIATE, THE TRAINING COURSE FOR EMERGENCY COORDINATORS AND RP DOS ASSESSMENT TECHNICIANS IN RELATION TO THE HUMAN PERFORMANCE DEFICIENCIES IDENTIFIED

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -41



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:43:02

Restart Item: P Record Number: 791 Date Due: 12/01/89

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

Description Of Item:

DEVELOP A COURSE ON WORK PRACTICES FOR MAINTENANCE AND OPERATIONS PERSONNEL.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-176

Restart Item: P Record Number: 812 Date Due:

Responsible Group: FERNOW Source Of Item: NRC 6/5

Description Of Item:

COMPLETE THE EVALUATIONS BEING CONDUCTED BY THE TRAINING ASSESSMENT TEAM AND SUBMIT CORRECTIVE ACTION PLANS

Closure Documentation Required:

Compliance Engineering:

Status: COMPL Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 506 Date Due: 06/30/89

Responsible Group: EED/ELECT. Source Of Item: IIR 2-1

Description Of Item:

PERFORM ROOT CAUSE OF FAILURE ON THE FAILED TRIP COIL FOR NAN-S02A WITH VENDOR PARTICIPATION. ADDITIONALLY TEARDOWN AND INSPECT A UNIT 1 13.8 KV BREAKER TO DETERMINE THE NEED FOR GENERAL BREAKER OVERHAUL.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -22

Restart Item: P Record Number: 530 Date Due: 07/19/89

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

Description Of Item:

PREPARE A MEMO TO ALL STA'S THAT A THOROUGH AUDIT OF DRAFT INCIDENT INVESTIGATIONS SHOULD BE PERFORMED TO VERIFY ALL CONCERNS OR ISSUES WHICH ARE ADDRESSED IN THE REPORT ARE APPROPRIATELY INCLUDED IN CORRECTIVE ACTIONS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -41

Restart Item: P Record Number: 541 Date Due: 07/19/89

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

Description Of Item:

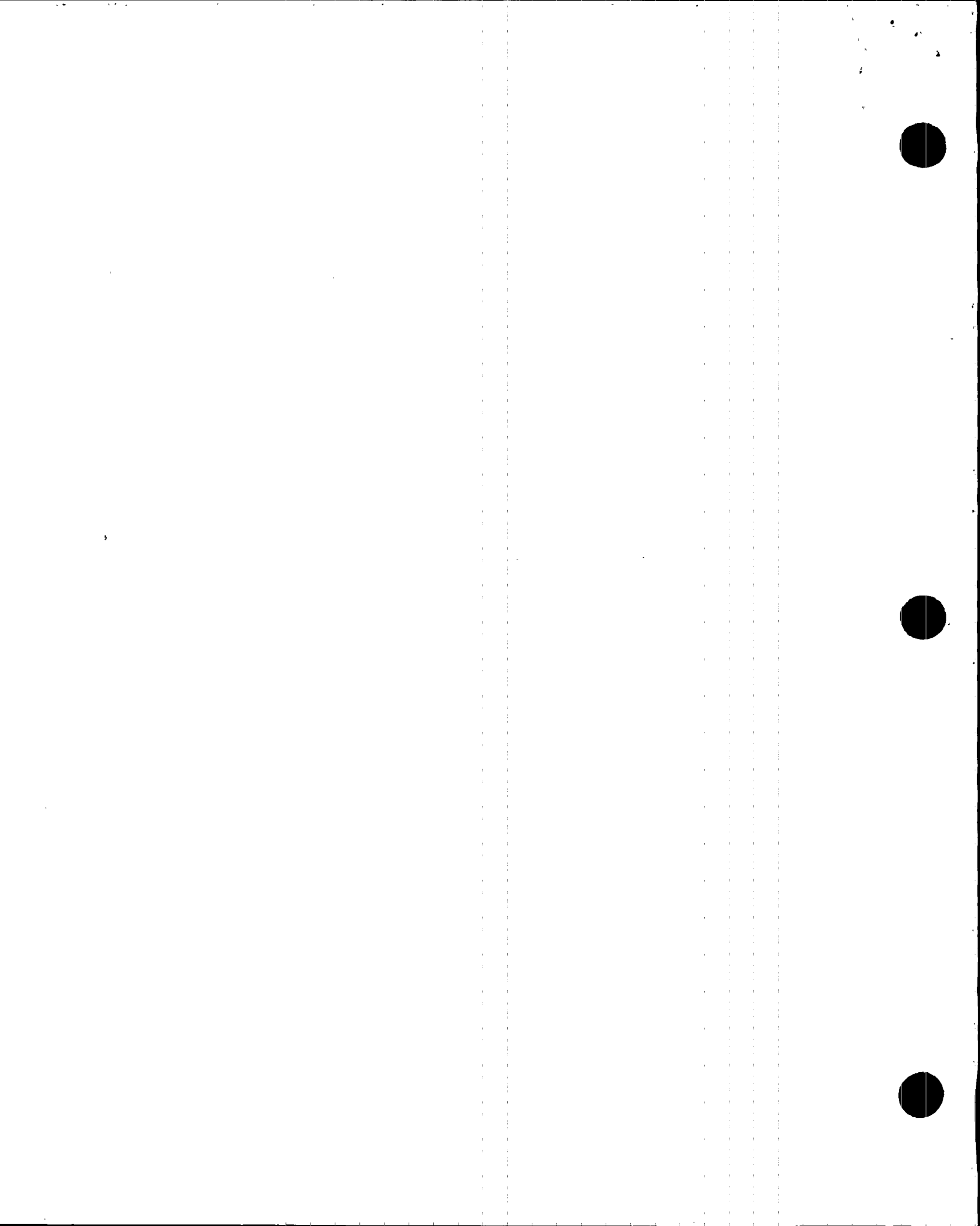
PREFERABLY ELIMINATE, OR, AS A MINIMUM, IDENTIFY ALL SAFETY RELATED AND IMPORTANT TO SAFETY REVERSE OPERATED VALVES IN THE UNITS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -41





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 542 Date Due:

Responsible Group: WORK CONT/UA Source Of Item: IIR2-3D

Description Of Item:

INSTALL LABEL PLATES ON SAFETY RELATED AND IMPORTANT TO SAFETY REVERSE OPERATED VALVES UNTIL REPLACED WITH NORMALLY OPERATED VALVES IN ACCORDANCE WITH CORRECTIVE ACTION 5.4B OF THE IIR 2-3-89-001

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 609 Date Due: 08/19/89

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

Description Of Item:

PERFORM A HPES EVALUATION TO ADDRESS THE OPERATOR ACTION IN SECURING SEAL BLEEDOFF WITH SEAL INJECTION STILL BEING SUPPLIED.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -72

Restart Item: P Record Number: 617 Date Due: 11/19/89

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

Description Of Item:

INITIATE AND COMPLETE THE DESIGN CHANGE PROPOSED IN PCR 88-13-ZZ-008 (CLASS POWER TO EFFLUENT MONITOR AUXILIARY SAMPLE CARTS)

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -164



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 690 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV

Description Of Item:

RE-ORIENT VALVES TO ELIMINATE BI-DIRECTIONAL FLOW THROUGH THE VALVES  
ON PACKLESS ISOLATION VALVES.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 693 Date Due:

Responsible Group: WORK CONT/UA Source Of Item: ADV

Description Of Item:

INSTALL BLOCK VALVES UPSTREAM ADVS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 697 Date Due: 03/16/90

Responsible Group: NED/ELEC Source Of Item: EDR

Description Of Item:

MOD TO INITIATE FBT ON SSO ACTUATION

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-281



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 776 Date Due: 03/12/91

Responsible Group: NED/ELEC Source Of Item: EDR

Description Of Item:

THE ENGINEERING EXCELLENCE PROGRAM SYSTEM REVIEW WORKING GROUPS FOR THE Q CLASS ELECTRICAL SYSTEMS WILL FACTOR THE FINDINGS OF THE PHASE 2 REPORT INTO THE EVALUATION OF THE DESIGN BASIS REVIEW. Q ELECTRICAL SYSTEMS PHASE 3

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-642

Restart Item: P Record Number: 777 Date Due: 08/05/93

Responsible Group: NED/ELEC Source Of Item: EDR

Description Of Item:

THE ENGINEERING EXCELLENCE PROGRAM SYSTEM REVIEW WORKING GROUPS FOR THE NON-Q ELECTRICAL SYSTEMS WILL FACTOR THE FINDINGS OF THE PHASE 2 REPORT INTO THE EVALUATION OF THE DESIGN BASIS. NON-Q ELECTRICAL SYSTEMS PHASE 4

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-\*\*\*

Restart Item: P Record Number: 778 Date Due: 01/01/90

Responsible Group: NED/ELEC Source Of Item: EDR

Description Of Item:

INITIATE AND IMPLEMENT DESIGN CHANGE TO PROVIDE FOR SSO RELAY QUANTITIES TO BE RECORDED ON DIGITAL FAULT RECORDERS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-207



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 779 Date Due: 01/01/90

Responsible Group: NED/ELEC Source Of Item: EDR

Description Of Item:

INITIATE AND IMPLEMENT DESIGN CHANGE TO PROVIDE A VOLTAGE REFERENCE CIRCUIT WHICH WILL ALLOW ONLY THAT TARGET INITIATED BY THE RELAY OPERATION TO BE DISPLAYED

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -207

Restart Item: P Record Number: 784 Date Due:

Responsible Group: WORK CONT/UA Source Of Item: COMPGAS

Description Of Item:

DISSASSEMBLE A REPRESENTATIVE SAMPLE OF PNEUMATIC COMPONENTS TO ENSURE THAT THE COMPONENTS ARE CLEAN. TAKE NECESSARY CORRECTIVE ACTIONS BASED ON RESULTS.

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 787 Date Due: 08/31/89

Responsible Group: NED/MECH Source Of Item: COMPGAS

Description Of Item:

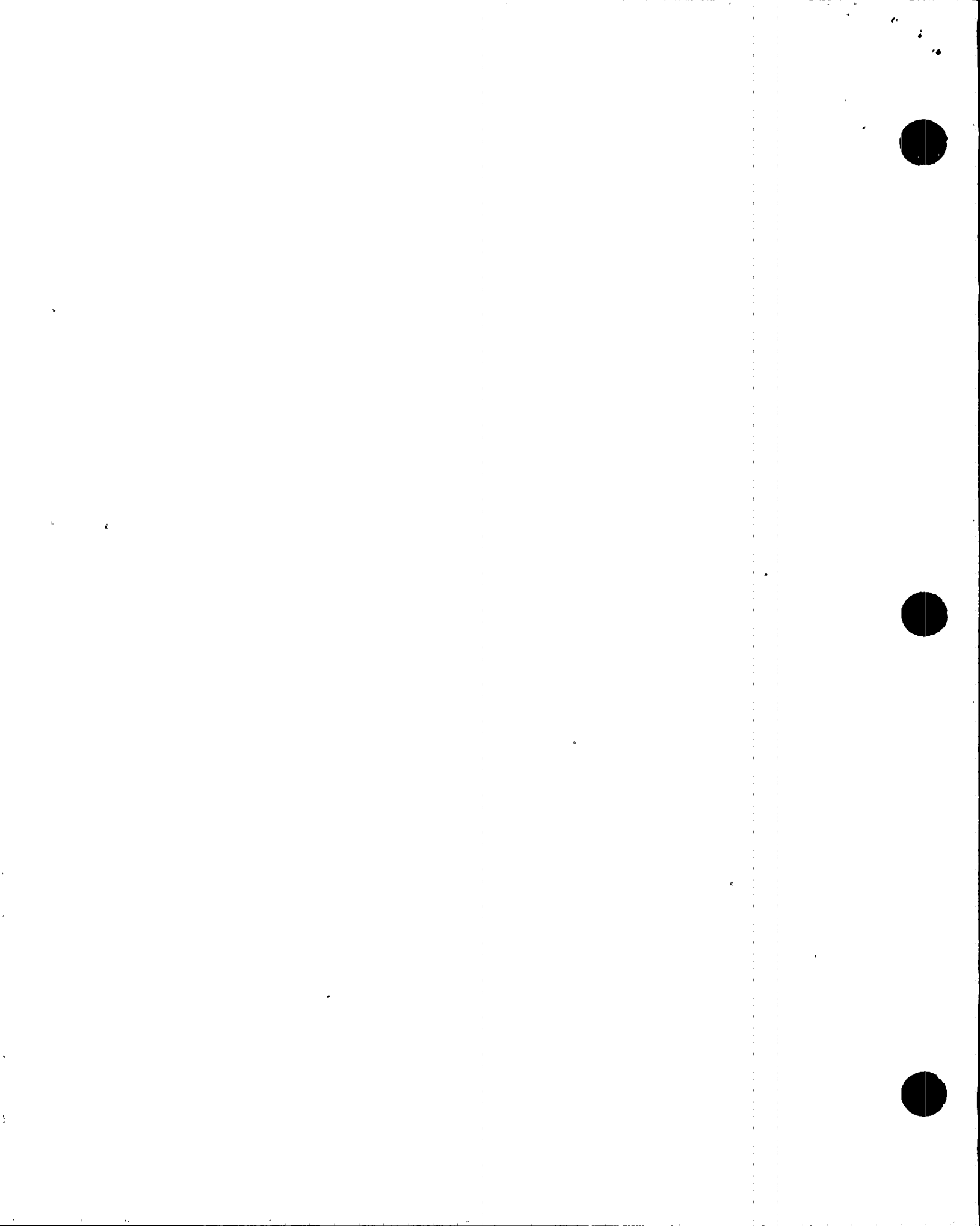
UPDATE CALCULATION(S) TO REFLECT AS BUILT CONDITION

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -84





PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 792 Date Due:

Responsible Group: WORK CONT/UA Source Of Item: LIGHT

Description Of Item:  
LABEL VALVES CH-HV-530 AND EW-V185

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 794 Date Due: 08/04/89

Responsible Group: EED Source Of Item: LIGHT

Description Of Item:  
A WALKDOWN OF THE SAFE SHUTDOWN PROCEDURE WILL BE PERFORMED ON UNITS 1 AND 3 AND ANY ADDITIONAL DEFICIENCIES CORRECTED PRIOR TO RESTART OF THE RESPECTIVE UNIT

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: -57

Restart Item: P Record Number: 795 Date Due:

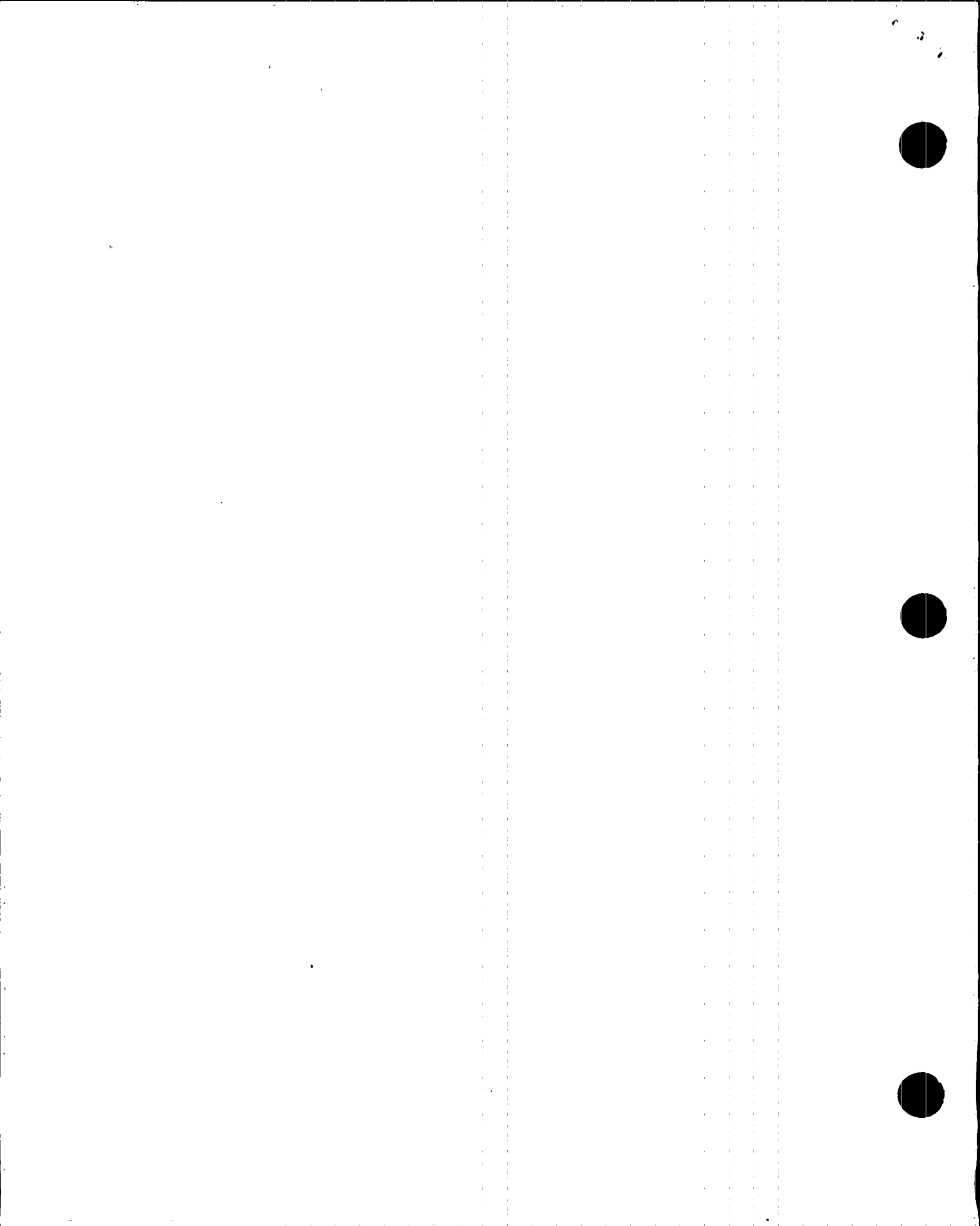
Responsible Group: NED/MECH Source Of Item: ADV SUP

Description Of Item:  
PENDING PMC APPROVAL AND PRIORITY PREPARE DESIGN PACKAGE FOR DELETION OF CHECK VALVE THAT SEPARATES INSTRUMENT AIR FROM THE ADV NITROGEN SUBSYSTEM

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 796 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV SUP

Description Of Item:

PENDING PMC APPROVAL AND PRIORITY REPLACE THE NITROGEN ACCUMULATOR  
OUTLET ISOLATION VALVE

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 797 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV SUP

Description Of Item:

PENDING PMC APPROVAL AND PRIORITY IMPROVE THE SEALING CAPABILITY OF  
THE CHECK AND SAFETY VALVES

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 798 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV SUP

Description Of Item:

PENDING PMC APPROVAL AND PRIORITY REPLACE THE CURRENT PRESSURE CONTROL  
VALVE

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999



PVNGS RESTART DATA BASE REPORT

Report Date: 06/08/89 Report Time: 09:44:39

Restart Item: P Record Number: 799 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV SUP

Description Of Item:

PENDING PMC APPROVAL AND PRIORITY INSTALL AN ISOLATION VALVE AND VENT  
UPSTREAM OF THE NITROGEN ISOLATION VALVE

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 800 Date Due:

Responsible Group: NED/MECH Source Of Item: ADV SUP

Description Of Item:

PENDING PMC APPROVAL AND PRIORITY INSTALL A FILTER UPSTREAM OF THE  
ACCUMULATOR

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date: 999

Restart Item: P Record Number: 820 Date Due: 12/31/89

Responsible Group: BARROW Source Of Item: NRC 6/5

Description Of Item:

DEVELOP A DESIGN CHANGE FOR THE INSTALLATION OF EMERGENCY LIGHTING IN  
THE PASS SAMPLING AREAS

Closure Documentation Required:

Compliance Engineering:

Status: OPEN Days Until Due Date:-206

14-00000-101

