

REQUEST TO CHANGE PROCEDURE
NORTH ANNA POWER STATION
VIRGINIA POWER

ADM-5.4
Attachment 3
Page 1 of 1
07-09-87

1. SUPERVISOR RESPONSIBLE FOR FOLLOWING PROCEDURE:

- | | | | |
|---|--|---|----------------------------------|
| <input type="checkbox"/> ABNORMAL | <input type="checkbox"/> CURVE BOOK | <input type="checkbox"/> OPERATING | <input type="checkbox"/> WELDING |
| <input type="checkbox"/> ADMINISTRATIVE | <input type="checkbox"/> EMERGENCY | <input checked="" type="checkbox"/> PERIODIC TEST | <input type="checkbox"/> |
| <input type="checkbox"/> ANNUNCIATOR | <input type="checkbox"/> IN-SERVICE INSPECTION | <input type="checkbox"/> HEALTH PHYSICS | <input type="checkbox"/> |
| <input type="checkbox"/> CALIBRATION | <input type="checkbox"/> MAINTENANCE | <input type="checkbox"/> SPECIAL TEST | <input type="checkbox"/> |
| <input type="checkbox"/> CHEMISTRY | <input type="checkbox"/> NON-DESTRUCTIVE TEST | <input type="checkbox"/> START-UP TEST | <input type="checkbox"/> |

PROCEDURE NO: 1-PT-46.2C 2 UNIT NO: 1 3. REVISION DATE: New Proc.

TITLE: S/G Blowdown Radiation Monitor Alarm Setpoint Calculation

CHANGES REQUESTED: (GIVE STEP NUMBER, EXACT SUGGESTED WORDING, AND LIST REFERENCES, STAPLE COPY OF PROCEDURE WITH SUGGESTED CHANGES MARKED TO THIS FORM.)

New Procedure

REFERENCES:

NRC letter Ser. No. 87-474A

REASON FOR CHANGES:

New Procedure

7. REQUESTED BY:

E. I. [Signature]

8. DATE:

10/1/87

ACTION TAKEN:

DOES THIS CHANGE THE OPERATING METHODS AS DESCRIBED IN THE UFSAR? ☐ YES ☒ NO
DOES THIS CHANGE INVOLVE A CHANGE TO THE TECH. SPECS? ☐ YES ☒ NO
DOES THIS CHANGE INVOLVE A POSSIBLE UNREVIEWED SAFETY QUESTION? ☐ YES ☒ NO
IF ALL "NO", NO "SAFETY ANALYSIS" IS REQUIRED. IF ANY "YES", A "SAFETY ANALYSIS" IS REQUIRED.
(10CFR50.59) APPROVED COPY TO BE PROVIDED TO LICENSING COORD. FOR INCLUSION IN ANNUAL REPORT.

RECOMMENDED ACTION:

☒ APPROVED ☐ DISAPPROVED

DOES THIS PROCEDURE CREATE A
QA DOCUMENT? YES ☒ NO ☐

BY: (COGNIZANT SUPERVISOR)

[Signature]

12. DATE:

10/2/87

REVIEWED BY QUALITY ASSURANCE:

CHANGES MADE: YES ☐ NO ☒

BY:

Waived

P. [Signature]

15. DATE:

10-02-87

REVIEWED BY STATION NUCLEAR SAFETY AND OPERATING COMMITTEE:

☒ APPROVED ☐ DISAPPROVED

☐ APPROVED AS MODIFIED BY COMMITTEE

16. LMAN SIGNATURE:

[Signature]

18. DATE:

10/2/87

NEW PROCEDURE REVISION DATE:

9203030461 910819
PDR FOIA
WILLIAM91-106 PDR

ACTION COMPLETED BY:

21. DATE:

E/14

PERIODIC TEST CRITIQUE
NORTH ANNA POWER STATION
VIRGINIA POWER

Periodic Test No: 1 To be Performed By: 2 Unit No: 3
1-PT-46.2C SHIFT TECHNICAL ADVISOR 1

Test Title: 4
S/G BLOWDOWN RADIATION MONITOR ALARM SETPOINT CALCULATION

Test Frequency: 5
SPECIAL

Unit Conditions Requiring Test: 6
MODE 1

Test Performed By: 7 Date Started: 8A Date Completed: 8B

Test Results (To be completed by performer of test and Cognizant Supervisor(s)): 9

1. ☒ Satisfactory ☐ Unsatisfactory ☐ Partial Procedure

2. The following problem(s) was encountered (use back of sheet for additional space):

3. Corrective action taken or initiated:

4. Work Order No.:

Dated:

Forward To Cognizant Supervisor

Test Reviewed and Approved By Cognizant Supervisor(s) or Designee: 10

Date: _____

Reactor Engineer

Date: _____

Supervisor, Surv. & Test

Comments: _____

Forward To Performance Engineer

Comment(s) of Performance Engineer: 11 Stamp: 12

VIRGINIA POWER

PERIODIC ~~TEST~~ PROCEDURE FOR NORTH ANNA POWER STATION UNIT NO.: 1

TITLE: S.S. BLOWDOWN RADIATION MONITOR ALARM SETPOINT CALCULATION

REFERENCES:

- 1- 1-PT-46.2
- 2- Letter to the NRC, 9/15/87 (serial no. 87-474A)

REVISION ~~RECORD~~:

REV. NO.

PAGE(S)

DATE

APPROVED

CHAIRMAN STATION NUCLEAR SAFETY
AND OPERATING COMMITTEE

RECOMMENDED APPROVAL:

APPROVED BY:

CHAIRMAN STATION NUCLEAR SAFETY
AND OPERATING COMMITTEE

DATE: _____

SUPERINTENDENT TECHNICAL SERVICES

- _____ 4.2 Calculate the new "High" alarm setpoints for the S/G Radiation Monitors using the equation at the bottom of Attachment 6.1.
- _____ 4.3 Immediately notify the Shift Supervisor of the new alarm setpoints.
- _____ 4.4 Complete Attachment 6.2 and forward a copy to the Health Physics Shift Supervisor.
- _____ 4.5 Verify that the new setpoints has been implemented.
- _____ 4.6 Post an Operator Aid (ADM-19.27) next to the S/G Blowdown Radiation Monitors stating the "High" alarm setpoints.

5.0 Acceptance Criteria

- _____ 5.1 The new setpoints have been implemented and an Operator Aid has been posted.

6.0 Attachments

- 6.1 S/G Blowdown Radiation Alarm Setpoint Calculations
- 6.2 Memo to change the S/G Blowdown alarm setpoints.

S/G Blowdown Radiation Alarm Setpoint Calculations

Recent Steam Generator Blowdown Radiation Monitor Count Rates (from 1-PT-46.2):

"A" Steam Generator (1-RM-SS-122)

Date(s): _____ Count Rate(s): _____ cpm

Average: _____ cpm

* New "High" Alarm Setpoint: _____ cpm

"B" Steam Generator (1-RM-SS-123)

Date(s): _____ Count Rate(s): _____ cpm

Average: _____ cpm

* New "High" Alarm Setpoint: _____ cpm

"C" Steam Generator (1-RM-SS-124)

Date(s): _____ Count Rate(s): _____ cpm

Average: _____ cpm

* New "High" Alarm Setpoint: _____ cpm

* New "High" Alarm Setpoint = 2 x The most recent count rate.

PREPARED BY: _____ DATE: _____

MEMO TO CHANGE THE S/G ALARM SETPOINTS

TO: Health Physics Shift Supervisor

North Anna Power Station

FROM: Shift Technical Advisor

Date: _____

Please immediately update the "High" alarm setpoint to the Unit 1 S/G Blowdown Radiation Monitors as soon as possible, as follows:

"A" S/G "High" Alarm (1-RM-SS-122) = _____ cpm

"B" S/G "High" Alarm (1-RM-SS-123) = _____ cpm

"C" S/G "High" Alarm (1-RM-SS-124) = _____ cpm

Shift Technical Advisor

Date: _____