

DUKE POWER COMPANY  
PROCEDURE MAJOR CHANGE  
PROCESS RECORD

(1) ID No: DP/1/A/6100/01  
Change No: 63  
Permanent/Restricted To \_\_\_\_\_

(2) STATION: Mc Guire

(3) PROCEDURE TITLE: Controlling Procedure for Unit Startup

(4) SECTION(S) OF PROCEDURE AFFECTED: Envelope 4.4

(5) DESCRIPTION OF CHANGE: (Attach additional pages, if necessary.)

~~Add 13~~

*See attached page*

(6) REASON FOR CHANGE:

*Recommendation by Projects + Licensing and the NRC*

(7) PREPARED BY: RW Meyer DATE: 5/19/83

(8) SAFETY EVALUATION

This change:

Yes ☐ No ☒ Represents a change to the station or procedures as described  
in the FSAR, or a test or experiment not described in the FSAR?  
Yes ☐ No ☒ Requires a change to the station Technical Specifications?  
Yes ☐ No ☒ Involves an unreviewed safety question?

If the answer to any of the above is "Yes", attach a detailed explanation.  
As appropriate attach a completed "Nuclear Safety Evaluation Check List" form.

By: RW Meyer Date: 5/19/83

(9) REVIEWED BY: ST Fickel DATE: 5-19-83

Cross-Disciplinary Review By: Bruce Hamilton N/R: PERF  
ST

(10) TEMPORARY APPROVAL (IF NECESSARY):

By: \_\_\_\_\_ (SRO) Date: \_\_\_\_\_  
By: \_\_\_\_\_ Date: \_\_\_\_\_

(11) APPROVED BY: RW Meyer DATE: 5/19/83

(12) MISCELLANEOUS:

Reviewed/Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed/Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

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DUKE POWER COMPANY  
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PROCESS RECORD CONTINUATION FORM

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Added:

- 1 13. <sup>Performance</sup> The ~~Reactor~~ Group has performed an engineering evaluation of the unit trip, if shutdown was subsequent to a unit trip, and recommends a unit startup. If the shutdown was not subsequent to a unit trip or if the trip was due to an obvious personnel error, this evaluation is not applicable.  
(Must be signed by the ~~Reactor~~<sup>Performance</sup> Group)

## Modes 1 and 2 Checklist

Date/Initial

A. The following items shall be completed prior to entering Mode 2:

- \_\_\_\_/\_\_\_\_ 1. Check the Off Line Computer PT schedule and verify all scheduled PT's required for Modes 1 and 2 are up-to-date.
- \_\_\_\_/\_\_\_\_ 2. Verify less than or equal to 40 GPM controlled leakage at 2235  $\pm$ 20 psig and document in the R.O. Log.
- \_\_\_\_/\_\_\_\_ 3. Two licensed operators are in the Control Room.
- \_\_\_\_/\_\_\_\_ 4. The following instrumentation is operable per Tech Specs:  
(IAE will sign off).

A. Reactor Trip System Instrumentation (Tech Spec. 3.3.1, Table 4.3-1)

- \_\_\_\_/\_\_\_\_ Power Range Neutron Channel
- \_\_\_\_/\_\_\_\_ Power Range, High Positive Rate
- \_\_\_\_/\_\_\_\_ Power Range, High Negative Rate
- \_\_\_\_/\_\_\_\_ Overtemperature Delta T
- \_\_\_\_/\_\_\_\_ Overpower Delta T
- \_\_\_\_/\_\_\_\_ Pressurizer Pressure-Low
- \_\_\_\_/\_\_\_\_ Pressurizer Pressure-High
- \_\_\_\_/\_\_\_\_ Pressurizer Level-High
- \_\_\_\_/\_\_\_\_ Loss of Flow
- \_\_\_\_/\_\_\_\_ Steam Generator Water Level-Low-Low
- \_\_\_\_/\_\_\_\_ Undervoltage-NC Pumps
- \_\_\_\_/\_\_\_\_ Underfrequency-NC Pumps
- \_\_\_\_/\_\_\_\_ Safety Injection Input from ESF
- \_\_\_\_/\_\_\_\_ Power Range Interlock P7 (Functional Test completed within previous 92 days)

Modes 1 and 2 Checklist

- \_\_\_\_/\_\_\_\_ Power Range Interlock P10 (Functional Test completed within previous 92 days)
- \_\_\_\_/\_\_\_\_ Power Range Interlock P8 (Functional test completed within previous 92 days)
- \_\_\_\_/\_\_\_\_ Turbine trip-low fluid oil pressure (Functional test completed within previous 7 days).
- \_\_\_\_/\_\_\_\_ Turbine trip-Turbine Stop Valve closure (Channel functional test completed within previous 7 days).
- \_\_\_\_/\_\_\_\_ 5. Individual full length rod drop times less than or equal to 2.2 seconds. (IAE will sign off).
- \_\_\_\_/\_\_\_\_ 6. The hydrogen control distributed ignition system is operable (IAE will sign off).
- \_\_\_\_/\_\_\_\_ 7. Two containment hydrogen monitors are operable. (IAE will sign off).
- \_\_\_\_/\_\_\_\_ 8. Two containment hydrogen recombiners are Operable.
- \_\_\_\_/\_\_\_\_ 9. Verify less than or equal to 1 gpm leakage at 2235  $\pm$ 20 psig from any NC Pressure isolation valve specified in Table 3.4-1 in Tech Specs. (Test Group will sign off).
- \_\_\_\_/\_\_\_\_ 10. Tech.Spec. Action Log has been reviewed for items that may effect entering Modes 2 or 1.
- \_\_\_\_/\_\_\_\_ 11. No outstanding QA items affecting Mode 1 or 2.
- \_\_\_\_/\_\_\_\_ 12. Verify applicable enclosures for Modes 1 and 2 of the following PT's have been completed within the surveillance period.
- \_\_\_\_/\_\_\_\_ 1. PT/1/A/4600/03A (Semi-Daily Surveillance Items)
- \_\_\_\_/\_\_\_\_ 2. PT/1/A/4600/03B (Daily Surveillance Items)
- \_\_\_\_/\_\_\_\_ 3. PT/1/A/4600/03C (Weekly Surveillance Items)

Modes 1 and 2 Checklist

\_\_\_\_/\_\_\_\_  
\_\_\_\_/\_\_\_\_

4. PT/1/A/4600/03D (Monthly Surveillance Items)
5. PT/1/A/4600/03E (Quarterly Surveillance Items)

B. The following items should be completed prior to entering Mode 2 or as soon as practical thereafter:

\_\_\_\_/\_\_\_\_

1. Ice Condenser 3 ton crane is parked outside of ice condenser.

\_\_\_\_/\_\_\_\_

2. Cooling fans and oil pumps are in operation on main setup transformers.

\_\_\_\_/\_\_\_\_

3. Place Acoustic Leak Detection Monitor in Auto and ensure points 1-10 are being scanned.

\_\_\_\_/\_\_\_\_

4. Stop or verify the containment auxiliary carbon filter units are off when no longer required.