Docket No. 50-346

Operating License No. NPF-3

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POWER ASCENSION TESTING FOR REMOVAL OF
BURNABLE POISON ROD ASSEMBLIES
AND ORIFICE ROD ASSEMBLIES AT
DAVIS-BESSE UNIT NO. 1

Following the removal of the burnable poison rod assemblies and the orifice rod assemblies at Davis-Besse Nuclear Power Station Unit No. 1, Toledo Edison agrees to perform the following additional testing:

1. TP-800.00 Power Escalation Sequences

   Procedure will be modified for new test program

2. TP-800.02 Nuclear Instrumentation Calibration at Power

   Perform Phase II of the test verification of correct thermal power level and axial power and balance.

3. TP-800.05 Reactivity Coefficients at Power

   Perform at hot zero power and approximately 100% full power. Values at each level should be extrapolated to full power to verify new predicted valves.

4. TP-800.11 Core Power Distributions

   Perform at 40%, 75% and 100%. Values at each power level will be extrapolated to full power to verify new predicted values.

   The test procedure linear heat rate limitations are more restrictive than the technical specifications to assure that the technical specifications are met.

5. TP-800.18 Power Imbalance Detector Correlation Test

   Perform at 40%.

6. TP-800.20 Rod Reactivity Worth Measurements

   This test will be repeated at 40%, 75%, 100% full power with the new control rod figurations.

7. TP-800.24 Incore Detector Test

   Software changes will be made for handling incore detector readout signals. The constant and/or correction applied to the detector signal including the method for handling the failed detectors will be addressed in the procedure.

This test will be repeated at 40% full power.

8. TP-800.28 Pseudo Ejected Rod Test

   This test will be performed at 40% full power.

9. TP-800.31 Vibration and Lose Part Monitor

   This test will be repeated at each power level to reestablish base line data and as a comparison to previous data.

The following tests which involve the Integrated Control System (ICS) tuning will be performed as necessary to complete the test program. The ICS tuning has not yet been completed. Some of the testing which has been performed previously is not planned to be repeated at this time. Since the ICS is not a safety related system this testing should not be a restraint to full power operation.

1. TP-800.08 ICS Tuning at Power

2. TP-800.14 Turbine/Reactor Trip Test

3. TP-800.23 Unit Load Transient Test

Note that we plan to perform TP-800.05, Reactivity Coefficients at Power at hot zero power and 100% full power only. These levels are being checked to ensure that the calculations which have been performed by the NSSS Vender are correct. At this time we see no reason to expect a change from the original results. If an anomaly is detected at hot zero power we will consider performing this test at 40% and 75%.

jh b/1-2