Oconee Nuclear Station
Inservice Testing Program
IST Program Changes for
IST Revision 20

General

1. Editorial changes have been made throughout this revision. Major revisions are listed below.

IWV Changes

1. Reformatted valve tables and included additional information.

2. Removed 1,2,3SF-76 and 2,3SF-87 from IWV valve tables. These are vents and drains that are not required for IWV purposes. These valves remain in the Appendix B program.

3. Changed CF-3,4 and FDW-103,104 to active. Previous ten-year interval IST program considered these valve passive since they are normally closed. Stroke testing should be performed on these valves since they are open above containment integrity requirements.

4. 2,3CF-19 are passive. Previous revision did not indicate these valves are passive.

5. Added information in Remarks section for valve MS-87 to indicate these valves are not stroke timed since they are air operated pressure regulating valves that, on loss of air, are backed up by nitrogen.

6. Relief Request (RR) Changes:

RR 1

Changed relief for FDW-317,318,373,383 to cold shutdown justification. These valves are included in a cold shutdown frequency operability test.

Changed RR 33 into RR 1 and 2. Separated HP-189 and 364 into separate relief requests since the valves have different names and valves are different size and type.

Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

RR 2

Changed relief for FDW-346,442 to cold shutdown justification. These valves are included in a cold shutdown frequency operability test.

Changed RR 33 into RR 1 and 2. Separated HP-189 and 364 into separate relief requests since the valves have different names and valves are different size and type.

Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

RR 3 — Removed Relief Request for PR-1,2,5,6. These valves are tested when required for Reactor Building Isolation per Technical Specification 4.4.4. "Ref. T.S. 4.4.4 for stroke freq." was added to the remarks section for each of these valves.

Changed CSJ 19 regarding RC-66 to RR 3. These valves can only be tested at cold shutdown and cannot be stroke timed which was indicated in the cold shutdown justification. Not stroke timing the valves is a deviation from IWV and therefore a request for relief is required.

RR 4 — Changed from disassembly to full flow testing. Maximum accident flow has been reduced due to operational procedure changes to limit the number of pumps operating if both BWST suction lines are not available. New relief also identifies that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at a cold shutdown frequency and after maintenance.

RR 5 — Changed RR to indicate that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at a cold shutdown frequency and after maintenance. Also added statement to indicate valves are being reverse flow tested quarterly.

RR 6 — Changed RR to indicate that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at a cold shutdown frequency and after maintenance.

RR 7 — Changed RR to indicate that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at a cold shutdown frequency and after maintenance.

RR 8 — Changed RR to indicate that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at a cold shutdown frequency and after maintenance.

RR 9 — Changed RR to indicate that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at quarterly and after maintenance.

RR 10 — Added Engineering Calculation number for Unit 3.

RR 13 Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

Added statement to indicate that partial flow testing is being performed at refueling.

RR 15 Changed relief for FDW-232, 233 to cold shutdown justification. These valves are included in a cold shutdown frequency operability test.

Changed RR 34 to RR 15.

Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

RR 16 Changed section IV to indicate that leak rate testing verifies valve closure.

RR 17 Added Engineering Calculation number for Unit 3.

RR 19 Changed 3HP-286 to 3HP-457 due to valve replacement.

RR 21 Changed information in section III regarding injection of highly borated water into the RCS since this does not apply to cold shutdown testing.

Changed RR to indicate that full flow testing can only be performed during the beginning of a refueling outage and that partial flow testing will be performed at a cold shutdown frequency and after maintenance.

RR 23 Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

RR 26 Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

RR 27 Changed relief for FDW-311, 312 to cold shutdown justification. These valves are included in a cold shutdown frequency operability test.

Changed RR 35 into RR 27.

Added 1LP-29, 30. These valves are being replaced with valves that can be disassembled in line. The previous tilting disk check valves would have to have been cut from the piping in order to inspect. The isolation function these valves serve had been accomplished by closing 1LP-28 (per the Emergency Operating Procedure) in the event

1LP-21 or 22 did not close.

Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

RR 31 Included information in I(b) regarding closure requirement during use of SSF Auxiliary Service Water Pump.

Removed statement regarding extension of disassembly frequencies based on valve history and performed disassemblies. Change of disassembly frequency would require resubmittal of relief request.

Changed full flow frequency to cold shutdown. These valves are included in a cold shutdown frequency operability test.

RR 32 Changed test frequency to cold shutdown.

RR 33 Changed to relief requests 1 and 2.

RR 34 Changed to relief request 15.

RR 35 Changed to relief request 27.

7. Cold Shutdown Justification (CSJ) Changes:

CSJ 19 FDW-311,312 were moved to from RR 27 to CSJ 19. These valves are included in a cold shutdown frequency operability test.

CSJ 29 FDW-315, 316 are now being stroke timed quarterly and are therefore being removed from this Justification.

HP-247,249,251 are being added to this Justification. These valves or HP-248,250,252 need to close if the flow path between HPI minimum recirculation and LPI pump suction becomes inoperable during LPI to HPI "Piggyback" operation.

CSJ 39 FDW-317,318,373,383 were moved to from RR 1 to CSJ 39. These valves are included in a cold shutdown frequency operability test.

CSJ 40 FDW-346,442 were moved to from RR 2 to CSJ 40. These valves are included in a cold shutdown frequency operability test.

CSJ 41 FDW-232,233 were moved to from RR 15 to CSJ 41. These valves are included in a cold shutdown frequency operability test.

IWP Changes

1. Changed "mix" to "storage" in Relief Request 4, part (c). The actual level recorded is that of the Concentrated Boric Acid Storage Tank.

TO: ALL HOLDERS OF THE "INSERVICE INSPECTION PROGRAM MANUAL"

Attached is revision 20 of the Oconee Inservice Inspection Manual. This is a complete revision to the manual and completely replaces the previous revision. A list of major changes is attached with the revision.

The manual is divided into three parts. The first part is the "ONS Performance Pump Program Retest List". The second part is the "ONS Performance Valve Program Retest List". The third part is the "Oconee Inservice Testing Program Manual".

The "ONS Performance Pump Program Retest List" and the "ONS Performance Valve Program Retest List" should be used to identify pumps and valves in the Performance pump and valve testing programs. This list includes all pumps and valves tested by the Performance Group including those in the Inservice Testing Program. These lists should be referenced when determining Post-Modification or Post-Maintenance retest requirements.

The "Oconee Inservice Testing Program Manual" is the controlling document for implementation of ASME Section XI, Subsections IWP and IWV testing for Oconee Nuclear Station. The manual contains component listings with associated relief requests and cold shutdown justifications.

If you have any questions regarding this documentation contact Leland Hawthorne at 885-3283.