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**DUKE POWER**

March 29, 1996

U.S. Nuclear Regulatory Commission  
Attention Document Control Desk  
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Subject: Duke Power Company  
Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287  
Inservice Testing Program, Revision 24  
Third Ten-Year Inservice Inspection Interval

Pursuant to 10CFR 50.55a, Revision 24 to the ONS IST Program is enclosed. The revision is divided into three attachments as follows:

- 1) Instructions for insertion of Revision 24
- 2) Summary of Changes
- 3) ONS ASME IST Program Revision 24

If there are any questions or additional information is needed, you may contact D. A. Nix at (803) 885-3634.

Very truly yours,

J. W. Hampton  
Site Vice-President

Attachments

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U. S. Nuclear Regulatory Commission

March 29, 1996

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**ATTACHMENT 1**  
**INSTRUCTIONS FOR INSERTION OF REVISED PAGES**

Attachment 3 contains revised pages for insertion/replacement into IST Program Manual. Replace pages in the manual as follows:

SECTION	REMOVE PAGE(s)	INSERT PAGE (s)
Program Cover Sheet (Signed)	Revision 23	Revision 24
Table of Contents	Table of Contents	Table of Contents
1.0 Unit 1 IST Program	Tab	No Replacement
1.1 Pump Inservice Testing Program	All Pages	New Pump List
1.2 Valve Inservice Testing Program	All Pages	New Valve List
2.0 Unit 2 IST Program	Tab	No Replacement
2.1 Pump Inservice Testing Program	Tab and All Pages	No Replacement
2.2 Valve Inservice Testing Program	Tab and All Pages	No Replacement
3.0 Unit 3 IST Program	Tab	No Replacement
3.1 Pump Inservice Testing Program	Tab and All Pages	No Replacement
3.2 Valve Inservice Testing Program	Tab and All Pages	No Replacement
4.2 Valve Specific Relief Requests RR-VLV-11	Table 4.2 Page 1 of 2	Table 4.2 Page 1 of 2
4.3 Valve Justification for Deferrals ON-LPSW-04	Table 4.3 Pages 1 and 2	Table 4.3 No Replacement
ON-PR-01	Page 1 of 1	Page 1 of 1
ON-RC-01	Page 1 of 1	No Replacement
4.4 Pump Generic Relief Requests	Table 4.4	Table 4.4
4.5 Pump Specific Relief Requests RR-PMP-02	Table 4.5 Pages 1 and 2	Table 4.5 No Replacement
RR-PMP-05		Pages 1 and 2
5.0 Table of Abbreviations	Table 5.0	Table 5.0

## ATTACHMENT 2 SUMMARY OF CHANGES

### Changes to pump and valve lists:

1. The pump and valve tables were re-formatted. Components are listed together by system and unit.

Example:     1LP-001  
                 2LP-001  
                 3LP-001

                 1LP-002  
                 2LP-002  
                 3LP-002

2. The following Keowee Hydro valves were added to the IST program because they are active and meet the scope of the IST as defined in the Oconee Nuclear Station ASME Inservice Testing Program Document Section 4.0:

<u>Valve</u>	<u>DBD Number</u>	<u>Valve</u>	<u>DBD Number</u>
1AB-013	OSS-0254.00-00-1048	1GBO-003	OSS-0254.00-00-1043
1AB-014	OSS-0254.00-00-1048	2GBO-003	OSS-0254.00-00-1043
1AB-015	OSS-0254.00-00-1048	1OG-013	OSS-0254.00-00-1045
2AB-023	OSS-0254.00-00-1048	2OG-013	OSS-0254.00-00-1045
2AB-024	OSS-0254.00-00-1048	1OG-016	OSS-0254.00-00-1045
2AB-025	OSS-0254.00-00-1048	2OG-016	OSS-0254.00-00-1045
1AB-033	OSS-0254.00-00-1048	1OG-019	OSS-0254.00-00-1045
1AB-034	OSS-0254.00-00-1048	2OG-019	OSS-0254.00-00-1045
1AB-035	OSS-0254.00-00-1048	1TS-002	OSS-0254.00-00-1047
2AB-043	OSS-0254.00-00-1048	2TS-002	OSS-0254.00-00-1047
2AB-044	OSS-0254.00-00-1048	1TS-004	OSS-0254.00-00-1047
2AB-045	OSS-0254.00-00-1048	2TS-004	OSS-0254.00-00-1047
1AG-003	OSS-0254.00-00-1044	1WL-011	OSS-0254.00-00-1046
2AG-003	OSS-0254.00-00-1044	2WL-011	OSS-0254.00-00-1046
1AG-004	OSS-0254.00-00-1044	1WL-040	OSS-0254.00-00-1046
2AG-004	OSS-0254.00-00-1044	2WL-040	OSS-0254.00-00-1046
1GBO-001	OSS-0254.00-00-1043	1WL-077	OSS-0254.00-00-1046
2GBO-001	OSS-0254.00-00-1043	2WL-077	OSS-0254.00-00-1046

3. The following valves are no longer included in Oconee's ASME IST Program since they do not meet the scope of this program. These valves are not used in the mitigation of FSAR Chapter 15 Accidents. These valves are tested per Oconee's supplemental, 10 CFR50 Appendix B Testing Program.

<u>Valve</u>	<u>DBD Number</u>
1LPSW-137	OSS-0254.00-00-1039
2LPSW-137	OSS-0254.00-00-1039
3LPSW-137	OSS-0254.00-00-1039
1LPSW-138	OSS-0254.00-00-1039
2LPSW-138	OSS-0254.00-00-1039
3LPSW-138	OSS-0254.00-00-1039

<u>Valve</u>	<u>DBD Number</u>
1RC-155	OSS-0254.00-00-1033
2RC-155	OSS-0254.00-00-1033
3RC-155	OSS-0254.00-00-1033
1RC-156	OSS-0254.00-00-1033
2RC-156	OSS-0254.00-00-1033
3RC-156	OSS-0254.00-00-1033
1RC-157	OSS-0254.00-00-1033
2RC-157	OSS-0254.00-00-1033
3RC-157	OSS-0254.00-00-1033
1RC-158	OSS-0254.00-00-1033
2RC-158	OSS-0254.00-00-1033
3RC-158	OSS-0254.00-00-1033
1RC-159	OSS-0254.00-00-1033
2RC-159	OSS-0254.00-00-1033
3RC-159	OSS-0254.00-00-1033
1RC-160	OSS-0254.00-00-1033
2RC-160	OSS-0254.00-00-1033
3RC-160	OSS-0254.00-00-1033

4. Valve 1BS-005 has been cut-out and not replaced per OE-7411.
5. Valve 1BS-006 has been cut-out and not replaced per OE-7412.
6. The following valves are no longer included in Oconee's ASME IST Program since these are no longer active per OSC-3590.

<u>Valve</u>	<u>Active Valve Calc Number</u>
1CCW-304	OSC-3590
2CCW-304	OSC-3590
3CCW-304	OSC-3590

7. The following valves were modified from a gate valve to a globe valve:

<u>Valve</u>	<u>Modification Number</u>
3CCW-269-SSF	OE-7215
1FDW-106	OE-7304
3FDW-106	OE-7135
1FDW-108	OE-7305
3FDW-108	OE-7134
3FDW-347-SSF	OE-7085
1HP-409	OE-7328
3HP-409	OE-7088
1HP-410	OE-7329
3HP-410	OE-7089

8. The following valves were upgraded from ASME Class C piping to ASME Class B piping. This was done in response to PIP 0-O94-1685.

<u>Valve</u>	<u>Modification Number</u>
1HP-055	OE-8024
2HP-055	OE-8027

<u>Valve</u>	<u>Modification Number</u>
3HP-055	OE-8028
1HP-056	OE-8024
2HP-056	OE-8027
3HP-056	OE-8028
1HP-071	OE-8024
2HP-071	OE-8027
3HP-071	OE-8028
1HP-078	OE-8024
2HP-078	OE-8027
3HP-078	OE-8028
1HP-079	OE-8024
2HP-079	OE-8027
3HP-079	OE-8028
1HP-189	OE-8024
2HP-189	OE-8027
3HP-189	OE-8028
1HP-302	OE-8024
2HP-302	OE-8027
3HP-302	OE-8028
1HP-363	OE-7244
2HP-363	OE-6076
3HP-363	OE-6054

9. The following valves are no longer active per design calculation OSC-3606, but will remain in the IST Program because they are containment isolation valves. The valves will continue to be stroked timed per Ocone's supplemental, 10 CFR50 Appendix B Testing Program.

<u>Valve</u>	<u>Calc. Number</u>	<u>Valve</u>	<u>Calc. Number</u>
1PR-001	OSC-3606	1PR-081	OSC-3606
2PR-001	OSC-3606	2PR-081	OSC-3606
3PR-001	OSC-3606	3PR-081	OSC-3606
1PR-002	OSC-3606	1PR-084	OSC-3606
2PR-002	OSC-3606	2PR-084	OSC-3606
3PR-002	OSC-3606	3PR-084	OSC-3606
1PR-005	OSC-3606	1PR-087	OSC-3606
2PR-005	OSC-3606	2PR-087	OSC-3606
3PR-005	OSC-3606	3PR-087	OSC-3606
1PR-006	OSC-3606	1PR-090	OSC-3606
2PR-006	OSC-3606	2PR-090	OSC-3606
3PR-006	OSC-3606	3PR-090	OSC-3606

10. The following valves were incorrectly listed as active and as vacuum breakers. The valve table was revised to correctly state passive and relief valve.

<u>Valve</u>	<u>DBD Number</u>
1LP-060	OSS-0254.00-00-1028
2LP-060	OSS-0254.00-00-1028
3LP-060	OSS-0254.00-00-1028

11. The following valves were incorrectly listed as passive and as relief valves. The valve table was revised to correctly state active and vacuum breaker.

<u>Valve</u>	<u>DBD Number</u>
1LP-061	OSS-0254.00-00-1028
2LP-061	OSS-0254.00-00-1028
3LP-061	OSS-0254.00-00-1028

12. The following valves were incorrectly listed as passive. The valve table was revised to correctly state active. These valves are active per OSS-0254.00-00-1036.

1FDW-103	1FDW-104
2FDW-103	2FDW-104
3FDW-103	3FDW-104

13. The LPSW System was modified per NSM-2972 to allow quarterly testing of LPSW-139.
14. 2FDW-372 was incorrectly listed as full stroke (FS). The valve table was changed to indicate stroke timed (ST).
15. 2HP-405-SSF is not active per OSS-0254.00-00-1004. The valve table was revised to indicate passive and no required stroke test. This valve will remain in the IST program since it is a containment isolation valve.
16. 1LP-105 was incorrectly listed as FS-Q. The valve table was revised to agree with Justification of Deferral ON-LP-08 to indicate ST-CS.
17. 1LP-048, 2HP-097, 2HP-101 and 2HP-102 were incorrectly listed as requiring a 10CFR50 Appendix J leak rate test (LJ). The valve table was revised to require a leak test (LT) per ASME Section XI.
18. 1RC-004 was listed as FS-Q. The valve table was revised to agree with Justification of Deferral ON-RC-03 to indicate ST-CS.
19. Valves 2HP-126, 127, 144, 145, 152, 153, 248, 250, 252, 286, 3HP-457 and 3HP-78 Actuator Type was listed as manual (MA). The Actuator Type was revised to Self Actuated (SA).
20. 2HP-363 was incorrectly list as FS-CS. The valve table was revised to indicate FS-Q.
21. 3HP-194 was incorrectly list as FS-Q. The valve table was revised to indicate PS-Q.
22. Deleted unit designation for shared valves 1LPSW-25, 1LPSW-28 and 1LPSW-31. Valves now appear as LPSW-25, LPSW-28 and LPSW-31.
23. Deleted unit designation for shared valves 1CCW-382 and 1CCW-384. Also added SSF suffix. Valves now appear as CCW-382-SSF and CCW-384-SSF.
24. Deleted unit designation for shared valves 1CCW-271-SSF, 1CCW-274-SSF, 1CCW-284-SSF, 1CCW-286-SSF and 1CCW-289-SSF. Valves now appear as CCW-271-SSF, CCW-274-SSF, CCW-284-SSF, CCW-286-SSF and CCW-289-SSF.



25. Added the following Keowee pumps to the IST Program:

AC Turbine Sump Pump 1 K1TSPU0088SA  
AC Turbine Sump Pump 2 K2TSPU0088SA  
DC Turbine Sump Pump 1 K1TSPU0088SD  
DC Turbine Sump Pump 2 K2TSPU0088SD

26. 1FDW-372 was incorrectly listed with a refueling (RF) test frequency. The valve table was changed to indicate quarterly (Q).

Changes to Relief Requests and Justification for Deferrals:

1. Changes made in Section 4.2 - Valve Specific Relief Requests - as follows:

Revised RR-VLV-11 to delete valves 1BS-005 and 1BS-006.  
Revised Table 4.2 to reflect changes.

2. Changes made in Section 4.3 - Valve Justification for Deferral - as follows:

Delete ON-LPSW-04, Page 1 and 2 - Nuclear Station Modification 2972 installed a bypass to allow quarterly testing of LPSW-139.  
Revised ON-PR-01, Page 1 of 1 - Clarified valve stroke requirements.  
Remove ON-RC-01, Page 1 of 1 - Valves removed from Program.  
Revised Table 4.3 to reflect changes.

3. Changes made in Section 4.4 - Pump Generic Relief Requests - as follows:

Revised Table 4.4 to remove the applicability description for GNR-PMP-05 since this relief request was deleted 9/01/95.

4. Changes made in Section 4.5 - Pump Specific Relief Requests - as follows:

Deleted RR-PMP-02 per implementation of OE-7216, OE-7217, and OE-7218.  
Added RR-PMP-05.  
Revised Table 4.4 to reflect changes.

5. Changes made in Section 5.0 - Table of Abbreviations - as follows:

Revised table 5.0 to reflect updated abbreviations for Actuator Type and Test(s) Performed.

Please note that all changes to the IST Program are marked and noted by "Rev. 24."

**ATTACHMENT 3**

**REVISED SHEETS FOR INSERTION/REPLACEMENT**