

WATT'S BAR NUCLEAR PLANT

TECHNICAL INSTRUCTION

TI-50A

ASME SECTION XI  
PRESERVICE INSPECTION PROGRAM

Unit 1

Rev. By	Rev. No.	Date	Revised Pages
N/A	0	7/14/81	All
JLC	1	9/29/81	Page 55
JLC	2	10/13/81	Page 103
JLG	3	10/17/81	Pages 69, 70, 75, 76, 89-97, 105-109 Added pages 69a, 76a, 97a, 97b, 97c, 109a, 109b, 109c, 109d & 109e
JLC	4	11/10/81	Added page 92a.
JLH	5	11/15/81	Table of Contents 34a, 35
JLH	6	11/20/81	Punchlist

The last page of this instruction is number 136

- 1C Plant Master File
- 1C Superintendent
- 1U Assistant Superintendent (O)
- 1C Mechanical Maintenance Supervisor
- 1C Results Supervisor
- 1C Operations Supervisor
- 1C Quality Assurance Supervisor
- 1C Health Physicist
- Administrative Supervisor
- 2C Chemical Laboratory
- 1C Instrument Shop
- Shift Engineer's Office
- 2C Unit Control Room
- Health Physics Laboratory
- 1C PSU Supervisor
- 1C Mechanical Engineer
- Reactor Engineer
- Chemical Engineer
- 1C Instrument Maintenance Supervisor
- 1C Asst. Director of Nuc Power (Oper)
- 1C Electrical Maintenance Supervisor
- 1C Instrument Engineer
- 1C Outage Director
- 1U NRC
- 1C Nuclear Safety Review Staff
- 1C Assistant Maintenance Supervisor
- 1U Supv. Reactor Systems Group
- 1U Plant Training Office
- 1C P Prod Training Center
- 1C Programs & Procedures Section
- 1C Baseline Inservice Inspection Group

Prepared By G. L. Belew  
 Submitted By J. K. Collins Supervisor  
 PORC Review 7/14/81 Date  
 Approved By [Signature] Superintendent  
 Date Approved 7/14/81

WBNP  
TI-50A  
Punch List  
Page 1 of 1  
Revision *26*

*BSL*  
*1/20/82*

1. Complete Table 7.6 for Exempted Components
2. Incorporate Scan Plan Data Upon Completion of PSI, Appendix G
3. Add Appendix E
4. Add Appendix F
5. Complete Appendix A
- \* 6. The drawing of the calibration tube for Steam Generator eddy current testing (allowed per section 20.0 - Augment Inspection) used by Cramer & Lindel Engineering, needs to be added to Appendix B. This drawing is presently included as Item 1 on the Field Modification Report #1 to Cramer Lindell procedure (IN-004) which was approved by TVA (M. Gotham on 1-19-82).

*BSL Carter* 1-20-82

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\* 20.0 AUGMENTED INSPECTIONS

20.1 Steam Generator Cold Leg Tubes

The augmented eddy-current test requirements of the steam generator cold leg tubes are TVA imposed and are included in C.E. Cantrell's memorandum to R.C. Parker (L26 811215 858). This is an inspection of the steam generator tubes from the point of entry (cold leg side) to the top support of the cold leg. This inspection will establish baseline data for future inservice examinations. Report to be submitted with final inservice report (section 16.0).

\* 21.0 REFERENCES

- 21.1 ASME Boiler and Pressure Vessel Code - Section XI through Summer 1975 addenda, Summer 1976 addenda.
- 21.2 ASME Boiler and Pressure Vessel Code - Section V through Summer 1975 addenda.
- 21.3 Instruction Manual - 173-inch I.D. Reactor Pressure Vessel - Rotterdam Dockyard Company, Contract No. 71C62-54114-1, N3M-2-3.
- 21.4 Watts Bar Nuclear Plant Administrative Instruction 3.
- 21.5 Watts Bar Nuclear Plant Final Safety Analysis Report.
- 21.6 Westinghouse Technical Manual - Pressurizer, TM 1440-C225, Contract No. 71C60-54114-1, N3M-2-6.
- 21.7 Westinghouse Technical Manual - Vertical Steam Generators, TM 1440-C254, Contract No. 71C62-54114-1, N3M-2-4.
- 21.8 Westinghouse Instruction Manual - Auxiliary Heat Exchangers, Contract No. 71C62-54114-1, N3M-2-30.
- 21.9 Westinghouse Instruction Book - Reactor Coolant Pump, Contract No. 71C62-54114-1, N3M-2-5.
- 21.10 Ingersoll-Rand Instruction Manual - Residual Heat Removal Pumps, Contract No. 71C62-54114-1, N3M-2-30.
- 21.11 Watts Bar Nuclear Plant Operational Quality Assurance Manual, Part II, Section 5.1.
- 21.12 Division Procedure Manual N80E3, N75C01, and N76A10.