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SUBJECT: Forwards revised pages of 860502 "Second 10 Yr Inservice Insp Program." Revs required due to change in frequency of diesel generator testing from weekly to biweekly.

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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
CLARIFICATION OF IN-SERVICE INSPECTION PROGRAM

Gentlemen:

Enclosed are three pages in replacement of corresponding pages of our May 2, 1986 submittal of a Second Ten-Year Interval In-Service Inspection Program. Changes from the May 2, 1986 submittal are denoted by a bar in the right margin.

These changes are needed due to a change in the frequency of diesel generator testing from weekly to biweekly due to vendor recommendations.

Questions regarding this matter may be referred to Mr. R. W. Prunty at (919) 836-7318.

Yours very truly,

S. R. Zimmerman
Manager
Nuclear Licensing Section

JSK/lah (5243JSK)

Enclosure

cc: Dr. J. Nelson Grace (NRC-RII)
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5.0 PROGRAM (Continued)

5.3.12 Specific Relief Request:

Cycle timing of solenoid-actuated valves required by IWV-3413

Applicable to:

1. Emergency Diesel "A" Valves

   A. FO-27A: Fuel Oil Day Tank Isolation
   B. FO-29A: Fuel Oil Day Tank Isolation
   C. DA-19A and 23A: Diesel Air Start Solenoid Valves

2. Emergency Diesel "B" Valves

   A. FO-27B: Fuel Oil Day Tank Isolation
   B. FO-29B: Fuel Oil Day Tank Isolation
   C. DA-19B and 23B: Diesel Air Start Solenoid Valves

Basis for Relief Request:

Operators for these valves are designed such that actuation cannot be verified by direct observation of valve stem movement. Additionally, these valves are actuated by automatic signals from other diesel generator system components. Specifically FO-27A, 29A, 27B, and 29B are actuated by the Diesel Day Tank Level switches. The Diesel Air Start Solenoid valves are actuated in the diesel start sequence.

The design features of these valves and the inability to accurately determine the time of the actuation signals make cycle timing of these valves impractical.

Alternative Testing:

The Fuel Oil Day Tank isolation valves are cycled during the biweekly performance of the diesel generator periodic test. The air start solenoids are also cycled during this test. However, only one air start solenoid valve per diesel is tested during each biweekly diesel test. The periodic test contains instructions to

isolate one of these valves per diesel by closing an upstream isolation valve. The selection of which valve to isolate is based on the date of the test. If the test is to be performed during the first 14 days of the month, one valve per diesel would be isolated. For a test performed on the 15th day of the month or later, the other valve would be isolated. Therefore, each air start solenoid valve is tested on a monthly basis.

During performance of the periodic test, failure of these valves to operate would be evident by failure to fill the Fuel Oil Day Tanks or by failure of the diesel to start.

The increased cycle frequency has been determined to be an adequate method of ensuring proper valve operation without cycle timing. Proper operation of the valves is verified by monitoring the diesel fuel oil day tank replenishment and the starting of the emergency diesel generator.

5.3.13 Specific Relief Request:

Testing valves in systems out of service required by IWV-3416.

Applicable to:

Valves MS-263A, MS-263B, and MS-263C

Basis for Relief Request:

These valves are in the lines that supply steam to the Steam-Driven Auxiliary Feedwater Pump. Adequate steam supply is not available to power the Steam-Driven Auxiliary Feedwater Pump and thereby verify full flow through these valves prior to leaving cold shutdown conditions.

Alternative Testing:

These valves will be tested within one week after commencing power operation (greater than 2%) or prior to reaching cold shutdown. This will apply only to situations in which the normal quarterly interval for testing was exceeded during the shutdown.

EMERGENCY DIESEL GENERATOR SYSTEM

P&ID NO. G-190204A

VALUE NUMBER	CLASS	SH. NO. COORD.	VALUE CATEGORY PASS A B C D	SIZE (IN)	VLV TYPE	ACT TYPE	NORM POS	HI RAD AREA	TEST METH	TEST FREQ	REL REQ	MAX STROKE TIME (SEC)	REMARKS
DA-9A (DG-ASA-1)	3	1 of 3 (B-4)	x	3/4	CK	SA	---	N	FF RF	Q Q		OST-701	
DA-9B (DG-ASB-1)	3	1 of 3 (E-4)	x	3/4	CK	SA	---	N	FF RF	QQ Q		OST-701	
DA-19A	3	1 of 3 (B-6)	x	1½	3W	SO	O/CL	N	S	M	5.3.12	OST-401	
DA-19B	3	1 of 3 (E-6)	x	1½	3W	SO	O/CL	N	S	M	5.3.12	OST-401	
DA-20A	3	1 of 3 (B-6)	x	1½	CK	SA	---	N	FF	M		OST-401	
DA-20B	3	1 of 3 (E-6)	x	1½	CK	SA	---	N	FF	M		OST-401	
DA-23A	3	1 of 3 (B-6)	x	1½	3W	SO	O/CL	N	S	M	5.3.12	OST-401	
DA-23B	3	1 of 3 (E-6)	x	1½	3W	SO	O/CL	N	S	M	5.3.12	OST-401	
DA-24A	3	1 of 3 (B-6)	x	1½	CK	SA	---	N	FF	M		OST-401	
DA-24B	3	1 of 3 (E-6)	x	1½	CK	SA	---	N	FF	M		OST-401	

(5243JSK/mss)