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50-348/364-CWP
2/19/92

Staff Exh. 37

SYSTEM COMPONENT EVALUATION WORKSHEET
SCEW NO. 298

Revision 2
Sheet 1 of 6

Joseph M. Farley Nuclear Plant Unit(s) 1 & 2

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REF.		DUAL METHOD	OUTSTANDING ITEMS
	PARAMETER	SPEC.	DUAL.	SPEC.	DUAL.		
SYSTEM: Various See Sheets 3, 4, 5, & 6	OPERATING TIME	30 Days	30 Days	1	2,3	Simultaneous test	NONE
COMPONENT: CHICO Equipment Entrance Seal	TEMP. (°F)	378 NOTE 1	390	1	2,3	Simultaneous test	NONE
MANUFACTURER: Raychem/CHICO NOTE 7	PRESSURE (PSIA)	62.7 NOTE 2	80.7	1	2,3	Simultaneous test	NONE
MODEL NUMBER: NCBK/CHICO-A NOTE 7	RELATIVE HUMIDITY (%)	100	100	1	2,3	Simultaneous test	NONE
FUNCTION: Equipment Entrance Sealing	CHEMICAL SPRAY	H3BO3 + NaOH	B-N2H4+ Na3PO4+ H2O	1	2	Simultaneous test	NONE
OTHER:	RADIATION (RADS)	9E7 GAMMA NOTE 3	2.0E8 GAMMA	1	2,4	Sequential test	NONE
LOCATION: INSIDE AND OUTSIDE CONTAINMENT	AGING	40 Years NOTE 4	40 Years	NOTE 6	2,5	Sequential test	NONE
FLOOD LEVEL ELEV: 115' ABOVE FLOOD LEVEL: NOTE 5	SUBMERGENCE	NOTE 8	10 Feet for 24 Hours	NOTE 8	6	Separate test	NONE

Reviewed by

Abagai

Checked by

J. P. ...

Approved by/date

James E. ...
11/30/87

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USNRC

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PDR ADDRK 05000348
PDR

NUCLEAR REGULATORY COMMISSION

Case No. 20345/204-Civil Official Exh. No. 97
In the matter of Alabama Power Company
Staff IDENTIFIED 12:19 pm 2/19/92
Applicant RECEIVED 12:23 pm 2/19/92
Intervenor REJECTED _____
Cont'g. Off'r _____
Contractor _____ DATE 2/19/92
Other _____ Witness _____
Reporter L. G. G. Corp

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DOCUMENTATION REFERENCES:

1. J.M.Farley FSAR Table 3.11-1
2. Myle Laboratories Report 38442-2, dated April 3, 1981.
3. Qualification Testing of Raychem Environmental Seals for APCO, dated December 30, 1981.
4. Southwest Research Institute SRI Project No. 03-4974-C01, dated February 1, 1979.
5. Raychem Report EDR 5040, dated October 15, 1981.
6. Limit Switch Test Procedure and Results (Change Notice No. 2BE-1049-3) Rev. 3, dated 03-03-81.

NOTES:

1. Maximum temperature of the time-dependent profile from FSAR Figure 6.2-11.
2. Maximum pressure of the time-dependent profile from FSAR Figure 6.2-39.
3. Radiation dose is cumulative for 40 years and 30 days post accident.
4. Normal environment (Reference 1) :

	INSIDE CTHT	OUTSIDE CTHT
Temperature (*F) :	120	104
Pressure (psig) :	0	0
Relative humidity (%) :	60	50
5. Submergence - All switches are located above flood level with the acceptable exceptions as found in Scem 25A, Note 5.
6. Aging requirement for plant life of 40 years is committed in FSAR Section 3.11 and is in compliance with 10 CFR 50.49(e)(5).
7. Entrance seals provided by Raychem/CHICO for Namco limit switches and Target Rock Solenoid valves listed on Sheets 3, 4, 5 & 6.
8. Submergence requirements in accordance with NUREG 0588, Section 2.2(5), Category II.

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Joseph N. Farley Nuclear Plant Unit 1

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COMPONENT	EQUIPMENT	COMP MODEL	COMP MFR	EQPT SUPPLIER	EQUIPMENT FUNCTION	LOCATION ROOM ELEV
W1B31ZS0444B-B	Q1B31V061	EA180	NAMCO	WEST	PZR PORV POSITION	CTMT 115
W1B31ZS0445A-A	Q1B31V053	EA180	NAMCO	WEST	PZR PORV	CTMT 115
W1E21ZS8149A-A	Q1E21V253A	EA180	NAMCO	WEST	REGEN HX SHELL DISC	CTMT 111
W1E21ZS8149B-A	Q1E21V253B	EA180	NAMCO	WEST	REGEN HX SHELL DISC	CTMT 111
W1E21ZS8149C-A	Q1E21V253C	EA180	NAMCO	WEST	REGEN HX SHELL DISC	CTMT 111
W1G21ZS1003-A	Q1G21V064	EA180	NAMCO	WEST	REAC CL DRN TK DISC	CTMT 110
W1G21ZS7126-A	Q1G21V082	EA180	NAMCO	WEST	REAC CL DRN TK OUTLET	CTMT 117
Q1B31ZS8047-B	Q1B31V037	EA180	NAMCO	WEST	WPS TO PRT	CTMT 118
Q1C22ZS0478-N	Q1C22FCV0478	EA180	NAMCO	WEST	SC1A FD WTR FLOW CONTROL	MSR 131
Q1C22ZS0479-N	Q1C22FCV0479	EA180	NAMCO	VT	SC1A FD WTR BYPASS	MSR 130
Q1C22ZS0498-N	Q1C22FCV0498	EA180	NAMCO	WEST	SC1C FD WTR FLOW CONTROL	MSR 131
Q1C22ZS0499-N	Q1C22FCV0499	EA180	NAMCO	VT	SC1C FD WTR BYPASS	MSR 131
Q1E12ZS3999A-A	Q1E12V001A	EA180	NAMCO	HP	REACTOR CAV CLG SYS	CTMT 105
Q1E12ZS3999B-B	Q1E12V001B	EA180	NAMCO	HP	REACTOR CAV CLG SYS	CTMT 105
Q1E21ZS8808AA-A	Q1E21V038A	EA180	NAMCO	WEST	ACCUM TANK DISC VLV	CTMT 111
Q1E21ZS8808BA-B	Q1E21V038B	EA180	NAMCO	WEST	ACCUM TANK DISC VLV	CTMT 112
Q1E21ZS8808CA-A	Q1E21V038C	EA180	NAMCO	WEST	ACCUM TANK DISC VLV	CTMT 113
Q1G21ZS3376-B	Q1G21HV3376	EA180	NAMCO	HD	CTMT SUMP PUMP DISC	CTMT 109
Q1N11ZS3368A-A	Q1N11V003A	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 131
Q1N11ZS3368B-A	Q1N11V003B	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 131
Q1N11ZS3368C-A	Q1N11V003C	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 131
Q1N11ZS3369A-A	Q1N11V001A	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 128
Q1N11ZS3369B-A	Q1N11V001B	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 128
Q1N11ZS3369C-A	Q1N11V001C	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 128
Q1N11ZS3370A-B	Q1N11V002A	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 128
Q1N11ZS3370B-B	Q1N11V002B	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 128
Q1N11ZS3370C-B	Q1N11V002C	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 128
Q1N11ZS3976A-B	Q1N11V003D	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 131
Q1N11ZS3976B-B	Q1N11V003E	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 131
Q1N11ZS3976C-B	Q1N11V003F	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 131
Q1N12ZS3234A-A	Q1N12HV3234A	EA180	NAMCO	HD	STM BYPASS TDAFW PUMP	MSR 131
Q1N12ZS3234B-B	Q1N12HV3234B	EA180	NAMCO	HD	STM BYPASS TDAFW PUMP	MSR 131
Q1N12ZS3235A-A	Q1N12V001A	EA180	NAMCO	VELAN	STEAM ADM TO TDAFW PUMP	MSR 131
Q1N12ZS3235B-B	Q1N12V001B	EA180	NAMCO	VELAN	STEAM ADM TO TDAFW PUMP	MSR 131
Q1N23ZS3227A-A	Q1N23HV3227A	EA180	NAMCO	HD	MD AFW FLOW CONTROL	MSR 131
Q1N23ZS3227B-A	Q1N23HV3227B	EA180	NAMCO	HD	MD AFW FLOW CONTROL	MSR 131
Q1N23ZS3227C-A	Q1N23HV3227C	EA180	NAMCO	HD	MD AFW FLOW CONTROL	MSR 131
Q1N23ZS3228A-A	Q1N23HV3228A	EA180	NAMCO	HD	TD AFW FLOW CONTROL	MSR 131
Q1N23ZS3228B-A	Q1N23HV3228B	EA180	NAMCO	HD	TD AFW FLOW CONTROL	MSR 131
Q1N23ZS3228C-A	Q1N23HV3228C	EA180	NAMCO	HD	TD AFW FLOW CONTROL	MSR 131

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Joseph W. Parley Nuclear Plant Unit 1

COMPONENT	EQUIPMENT	COMP MODEL	COMP MFR	SUPPLIER	EQUIPMENT FUNCTION	LOCATION ROOM ELEV
Q1W252S3772A-A	Q1W25HV3772A	EA180	WAMCO	HD	CHEM ADDITION TO SC 1A	MSR 131
Q1W252S3772B-A	Q1W25HV3772B	EA180	WAMCO	HD	CHEM ADDITION TO SC 1B	MSR 131
Q1W252S3772C-A	Q1W25HV3772C	EA180	WAMCO	HD	CHEM ADDITION TO SC 1C	MSR 131
Q1P132S2866C-A	Q1P13V301	EA180	WAMCO	AM	CTMT MINIPURGE SUPPLY	223 1
Q1P132S2866D-B	Q1P13V302	EA180	WAMCO	AM	CTMT MINIPURGE SUPPLY	CTMT 129
Q1P132S2867C-A	Q1P13V303	EA180	WAMCO	AM	CTMT MINIPURGE EXHAUST	223 1
Q1P132S2867D-B	Q1P13V304	EA180	WAMCO	AM	CTMT MINIPURGE EXHAUST	CTMT 129
Q1P132S3196-B	Q1P13V283	EA180	WAMCO	HP	CTMT PURGE EXHAUST	CTMT 130
Q1P132S3197-B	Q1P13V282	EA180	WAMCO	HP	CTMT PURGE EXHAUST	CTMT 130
Q1P172S3184-B	Q1P17HV3184	EA180	WAMCO	SB	BCP CCM	CTMT 122
Q1P172S3443-A	Q1P17HV3443	EA180	WAMCO	HD	EXCESS LETEN BX DISC	CTMT 129

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Joseph M. Farley Nuclear Plant Unit 2

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COMPONENT	EQUIPMENT	COMP MODEL	COMP MFR	EQPT SUPPLIER	EQUIPMENT FUNCTION	LOCATION ROOM ELEV
N2B31ZS0444B-B	Q2B31V061	EA180	NAMCO	WEST	PZR PORV POSITION	CTMT 155
N2B31ZS0445A-A	Q2B31V053	EA180	NAMCO	WEST	PZR PORV	CTMT 155
N2E21ZS8149A-A	Q2E21V253A	EA180	NAMCO	WEST	REGEN HX SHELL DISC	CTMT 111
N2E21ZS8149B-A	Q2E21V253B	EA180	NAMCO	WEST	REGEN HX SHELL DISC	CTMT 111
N2E21ZS8149C-A	Q2E21V253C	EA180	NAMCO	WEST	REGEN HX SHELL DISC	CTMT 111
N2C21ZS1003-A	Q2C21V064	EA180	NAMCO	WEST	REAC CL DRN 1. DISC	CTMT 110
N2C21ZS7126-A	Q2C21V082	EA180	NAMCO	WEST	REAC CL DRN TK OUTLET	CTMT 117
Q2B31ZS8047-B	Q2B31V037	EA180	NAMCO	WEST	WPS TO PRT	CTMT 105
Q2C22ZS0478-N	Q2C22FCV0478	EA180	NAMCO	WEST	SG2A FD WTR FLOW CONTROL	MSR 131
Q2C22ZS0479-N	Q2C22FCV0479	EA180	NAMCO	VT	SG2A FD WTR BYPASS	MSR 131
Q2C22ZS0489-N	Q2C22FCV0489	EA180	NAMCO	VT	SG2B FD WTR BYPASS	MSR 131
Q2C22ZS0498-N	Q2C22FCV0498	EA180	NAMCO	WEST	SG2C FD WTR FLOW CONTROL	MSR 131
Q2C22ZS0499-N	Q2C22FCV0499	EA180	NAMCO	VT	SG2C FD WTR BYPASS	MSR 131
Q2E12ZS3999A-A	Q2E12V001A	EA180	NAMCO	HP	REACTOR CAV CLG SYS	CTMT 105
Q2E12ZS3999B-B	Q2E12V001B	EA180	NAMCO	HP	REACTOR CAV CLG SYS	CTMT 105
Q2E21ZS8808AA-A	Q2E21V038A	EA180	NAMCO	WEST	ACCUM TANK DISC VLV	CTMT 107
Q2E21ZS8808BA-B	Q2E21V038B	EA180	NAMCO	WEST	ACCUM TANK DISC VLV	CTMT 109
Q2E21ZS8808CA-A	Q2E21V038C	EA180	NAMCO	WEST	ACCUM TANK DISC VLV	CTMT 109
Q2C21ZS3376-B	Q2C21HV3376	EA180	NAMCO	HD	CTMT SUMP PUMP DISC	CTMT 105
Q2N11ZS3368A-A	Q2N11V003A	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 130
Q2N11ZS3368B-A	Q2N11V003B	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 130
Q2N11ZS3368C-A	Q2N11V003C	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 130
Q2N11ZS3369A-A	Q2N11V001A	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 129
Q2N11ZS3369B-A	Q2N11V001B	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 129
Q2N11ZS3369C-A	Q2N11V001C	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 129
Q2N11ZS3370A-B	Q2N11V002A	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 130
Q2N11ZS3370B-B	Q2N11V002B	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 130
Q2N11ZS3370C-B	Q2N11V002C	EA180	NAMCO	AM	MAIN STEAM ISOL.	MSR 130
Q2N11ZS3976A-B	Q2N11V003D	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 133
Q2N11ZS3976B-B	Q2N11V003E	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 133
Q2N11ZS3976C-F	Q2N11V003F	EA180	NAMCO	VELAN	MAIN STEAM BYPASS	MSR 133
Q2N12ZS3234A-A	Q2N12HV3234A	EA180	NAMCO	HD	STM BYPASS TDAFW PUMP	MSR 133
Q2N12ZS3234B-B	Q2N12HV3234B	EA180	NAMCO	HD	STM BYPASS TDAFW PUMP	MSR 133
Q2N12ZS3235A-AB	Q2N12V001A	EA180	NAMCO	VELAN	STEAM ADM TO TDAFW PUMP	MSR 133
Q2N12ZS3235B-AB	Q2N12V001B	EA180	NAMCO	VELAN	STEAM ADM TO TDAFW PUMP	MSR 133
Q2N23ZS3227A-A	Q2N23HV3227A	EA180	NAMCO	HD	MD AFW FLOW CONTROL	MSR 135
Q2N23ZS3227B-A	Q2N23HV3227B	EA180	NAMCO	HD	MD AFW FLOW CONTROL	MSR 135
Q2N23ZS3227C-A	Q2N23HV3227C	EA180	NAMCO	HD	MD AFW FLOW CONTROL	MSR 135
Q2N23ZS3228A-AB	Q2N23HV3228A	EA180	NAMCO	HD	TD AFW FLOW CONTROL	MSR 135
Q2N23ZS3228B-AB	Q2N23HV3228B	EA180	NAMCO	HD	TD AFW FLOW CONTROL	MSR 135

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Joseph H. Farley Nuclear Plant Unit 2

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COMPONENT	EQUIPMENT	COMP MODEL	COMP MFR	EQPT SUPPLIER	EQUIPMENT FUNCTION	LOCATION ROOM ELEV
Q2N23ZS3228C-AB	Q2N23HV3228C	EA180	NAMCO	HD	TD APW FLOW CONTROL	MSR 135
Q2N25ZS3772A-A	Q2N25HV3772A	EA180	NAMCO	HD	CHEM ADDITION TO SC 2A	MSR 142
Q2N25ZS3772B-A	Q2N25HV3772B	EA180	NAMCO	HD	CHEM ADDITION TO SC 2B	MSR 142
Q2N25ZS3772C-A	Q2N25HV3772C	EA180	NAMCO	HD	CHEM ADDITION TO SC 2C	MSR 142
Q2P13ZS2866C-A	Q2P13V301	EA180	NAMCO	AM	CTMT MINIPURGE SUPPLY	2223 126
Q2P13ZS2866D-B	Q2P13V302	EA180	NAMCO	AM	CTMT MINIPURGE SUPPLY	CTMT 129
Q2P13ZS2867C-A	Q2P13V303	EA180	NAMCO	AM	CTMT MINIPURGE EXHAUST	2223 126
Q2P13ZS2867D-B	Q2P13V304	EA180	NAMCO	AM	CTMT MINIPURGE EXHAUST	CTMT 129
Q2P13ZS3196-B	Q2P13V283	EA180	NAMCO	HP	CTMT PURGE EXHAUST	CTMT 130
Q2P13ZS3197-B	Q2P13V282	EA180	NAMCO	HP	CTMT PURGE SUPPLY	CTMT 130
Q2P15ZS3103-A	Q2P15HV3103	EA180	NAMCO	KE	PZR LIQUID SAMPLE	CTMT 129
Q2P15ZS3104-A	Q2P15HV3104	EA180	NAMCO	KE	PZR STEAM SAMPLE	CTMT 129
Q2P15ZS3179C-B	Q2P15HV3179C	EA180	NAMCO	KE	SC 2A BLOWDN SAMPLE	CTMT 129
Q2P15ZS3180C-B	Q2P15HV3180C	EA180	NAMCO	KE	SC 2B BLOWDN SAMPLE	CTMT 129
Q2P15ZS3181C-B	Q2P15HV3181C	EA180	NAMCO	KE	SC 2C BLOWDN SAMPLE	CTMT 129
Q2P15ZS3765-A	Q2P15HV3765	EA180	NAMCO	KE	RCS HOTLEG SAMPLE	CTMT 105
Q2P15ZS3766-A	Q2P15HV3766	EA180	NAMCO	KE	ACCUMULATOR SAMPLE	CTMT 129
Q2P17ZS3184-B	Q2P17HV3184	EA180	NAMCO	HD	RCP CCW	CTMT 105
Q2P17ZS3443-A	Q2P17HV3443	EA180	NAMCO	HD	EXCESS LETDN HX DISC	CTMT 129
Q2B13SV2213A-A	Q2B13SV2213A-A	79A8001	T. ROCK	WEST	REACTOR HEADVENT	CTMT 158
Q2B13SV2213B-B	Q2B13SV2213B-B	79A8001	T. ROCK	WEST	REACTOR HEADVENT	CTMT 158
Q2B13SV2214A-A	Q2B13SV2214A-A	79A8001	T. ROCK	WEST	REACTOR HEADVENT	CTMT 158
Q2B13SV2214B-B	Q2B13SV2214B-B	79A8001	T. ROCK	WEST	REACTOR HEADVENT	CTMT 158

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