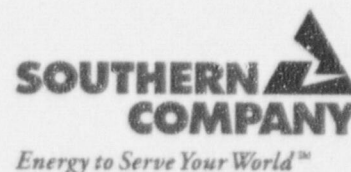


J. Bernie Beasley, Jr., P.E.
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January 13, 1999

LCV-1175-B

Docket Nos. 50-424
50-425

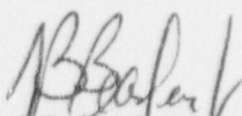
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Ladies and Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
REQUEST TO REVISE TECHNICAL SPECIFICATIONS
REVISED RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

By letter dated December 16, 1998, SNC responded to a request for additional information (RAI) regarding our submittal of July 13, 1998, LCV-1175. Our submittal of July 13, 1998, proposed to revise the Vogtle Electric Generating Plant Unit 1 and Unit 2 Technical Specifications to eliminate periodic response time testing requirements on selected sensors and protection channels. Our response of December 16, 1998, to the RAI, contained a typographical error. The table entitled "Process/Function/**Reactor Trip**/Allocation/Table" reported a time of 145 ms for the OTDT (Vary Press) 7300/NIS String. Instead of 145 ms, the time should have been shown as 140 ms. A corrected copy of the table is attached to this letter. We apologize for any inconvenience that this error may have caused.

Sincerely,


J. B. Beasley, Jr.

JBB/NJS

Enclosure: Corrected Table

xc: Southern Nuclear Operating Company
Mr. J. T. Gasser
Mr. M. Sheibani
NORMS

9901220050 990113
PDR ADOCK 05000424
P PDR

10007

AD001/1

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. D. H. Jaffe, Senior Project Manager, NRR
Mr. John Zeiler, Senior Resident Inspector, Vogtle

State of Georgia
Mr. L. C. Barrett, Commissioner, Department of Natural Resources

VOGTLE UNITS 1 AND 2
PROCESS / FUNCTION / **REACTOR TRIP** / ALLOCATION / TABLE

FUNCTION	SENSOR	TIME	7300/NIS STRING	TIME	SSPS RELAYS	TIME
PZR PRESS HI	Tobar 32PG	200ms	NLP+NAL	65ms	Input	20ms
	Veritrak 76PH	200ms				
	Rosemount 1154SH9	200ms				
PZR PRESS LO	Tobar 32PG	200ms	NLP+NAL	65ms	Input	20ms
	Veritrak 76PH	200ms				
	Rosemount 1154SH9	200ms				
SC LEVEL LO-LO	Tobar 32DP	400ms	NLP+NAL	65ms	Input	20ms
	Veritrak 76DP	400ms				
	Rosemount 1154DH5	200ms				
RCS FLOW LO	Tobar 32DP	400ms	NLP+NAL	65ms	Input	20ms
	Veritrak 76DP	400ms				
	Rosemount 1153HB5	200ms				
OPDT (Vary Tavg)	Weed N9004E-2B	(Note 1)	NRA+NSA+NSA+NSA+NSA+NAL	368ms	Input	20ms
OPDT (Vary DeltaT)	Weed N9004E-2B	(Note 1)	NRA+NSA+NSA+ NAL	293ms	Input	20ms
OTDT (Vary Tavg)	Weed N9004E-2B	(Note 1)	NRA+NSA+NSA+NSA+NAL	330.5ms	Input	20ms
OTDT (Vary DeltaT)	Weed N9004E-2B	(Note 1)	NRA+NSA+NSA+ NAL	293ms	Input	20ms
OTDT (Vary Press)	Tobar 32PG	200ms	NLP+NSA+NSA+NAL	140ms	Input	20ms
	Veritrak 76PH	200ms				
	Rosemount 1154SH9	200ms				
OTDT (Vary Flux)	Detectors Exempt	N/A	NIS (1ms) + NSA+NCH+NSA+NAL	148.5ms	Input	20ms
RCP VOLTAGE LO	GE NGV/SAM	(Note 1)	N/A	N/A	Input	20ms
RCP FREQ. LO	ABB	(Note 1)	N/A	N/A	Input	20ms
NIS LEVEL HI	Detectors Exempt	N/A	NIS FMEA	65ms	Input	20ms

VOGTLE UNITS 1 AND 2
PROCESS / FUNCTION / **REACTOR TRIP** / ALLOCATION / TABLE / (Continued)

FUNCTION	SENSOR	TIME	7300/NIS STRING	TIME	SSPS RELAYS	TIME
NIS RATE HI	Detectors Exempt	N/A	NIS FMEA	200ms	Input	20ms
CONTAINMENT PRESS. REACTOR TRIP FROM (SI)	Barton 764/351	1.0sec	NLP+NAL	65ms	Input	20ms
STEAMLINE PRESS LO REACTOR TRIP FROM (SI)	Tobar 52PA Veritrak 76PG Rosemount 1154SH9 Rosemount 1153GB9	200ms 200ms 200ms 200ms	NLP+NAL	65ms	Input	20ms

(Note 1) Allocated sensor times not used for these variables. These components will continue to be tested as required.

Allocated sensor times are derived from method (3) section (9) WCAP-13632 rev. 2 (Vendor Engineering Specifications). Tobar, Veritrak, and Barton times were provided on Table 9-1. Rosemount times are from Rosemount manuals 4302 and 4631. The Rosemount response time specifications may also be found in NUREG/CR-5383. Transmitter FMEAs are based upon EPRI report NP-7243 rev 1.

Values for 7300 cards are from tables 4-7 through 4-12 of WCAP-14036 rev. 1. Cards installed are 4NCH, 4NRA, 6NLP, 4NSA, and 9NAL or older artwork levels. NIS components installed are: Summing and Level Amp (3359C48G01), Isolation Amp (6065D75G01), Rate Circuit Assy (3359C41G01), and Bistable Relay Driver Assy (3359C39G01). These were evaluated per NIS FMEA schematic diagram 6065D99.

SSPS Input and Master relays are Potter & Brumfield KH series relays. SSPS Slave relays are Potter & Brumfield MDR relays. Values are tabulated from section 4.8 Westinghouse SSPS FMEA.

VOGTLE UNITS 1 AND 2
PROCESS / FUNCTION / **ENGINEERED SAFETY FEATURE** / ALLOCATION / TABLE

FUNCTION	SENSOR	TIME	7300/NIS STRING	TIME	SSPS RELAYS	TIME
CONT. PRESS HI-1	Barton 764/351	1.0sec	NLP+NAL	65ms	Input + Master + Slave	88ms
CONT. PRESS HI-2	Barton 764/351	1.0sec	NLP+NAL	65ms	Input + Master + Slave	88ms
CONT. PRESS HI-3	Barton 764/351	1.0sec	NLP+NAL	65ms	Input + Master + Slave	88ms
STEAM LINE PRESS LO	Tobar 32PA	200ms	NLP+NAL	65ms	Input + Master + Slave	88ms
	Veritrak 76PG	200ms				
	Rosemount 1154SH9	200ms				
	Rosemount 1153GB9	200ms				
STEAM LINE PRESS HI NEG RATE	Tobar 32PA	200ms	NLP+NAL	65ms	Input + Master + Slave	88ms
	Veritrak 76PG	200ms				
	Rosemount 1154SH9	200ms				
	Rosemount 1153GB9	200ms				
PZR PRESS LO SI	Tobar 32PG	200ms	NLP+NAL	65ms	Input + Master + Slave	88ms
	Veritrak 76PH	200ms				
	Rosemount 1154SH 9	200ms				
RWST LEVEL LO-LO	Tobar 32DP	400ms	NLP+NAL	65ms	Input + Master + Slave	88ms
	Veritrak 76DP	400ms				
	Rosemount 1153DB5	200ms				
SG LEVEL LO-LO	Tobar 32DP	400ms	NLP+NAL	65ms	Input + Master + Slave	88ms
	Veritrak 76DP	400ms				
	Rosemount 1154DH5	200ms				
SG LEVEL HI-HI	Tobar 32DP	400ms	NLP+NAL	65ms	Input + Master + Slave	88ms
	Veritrak 76DP	400ms				
	Rosemount 1154DH5	200ms				

VOGTLE UNITS 1 AND 2
PROCESS / FUNCTION / **ENGINEERED SAFETY FEATURE** / ALLOCATION / TABLE

FUNCTION	SENSOR	TIME	7300/NIS STRING	TIME	SSPS RELAYS	TIME
CONTAINMENT AREA RADIATION LEVEL HI	Westinghouse	(Note 1)	N/A	N/A	Input + Master + Slave	88ms
CONTAINMENT VENT RADIATION LEVEL HI	Westinghouse	(Note 1)	N/A	N/A	input + Master + Slave + Slave	124ms

(Note 1) Allocated sensor times not used for these variables. These components will continue to be tested as required.

Allocated sensor times are derived from method (3) section (9) WCAP-13632 rev. 2 (Vendor Engineering Specifications). Tobar, Veritrak, and Barton times were provided on Table 9-1. Rosemount times are from Rosemount manuals 4302 and 4631. The Rosemount response time specifications may also be found in NUREG/CR-5383. Transmitter FMEAs are based upon EPRI report NP-7243 rev 1.

Values for 7300 cards are from tables 4-7 through 4-12 of WCAP-14036 rev. 1. Cards installed are 4NCH, 4NRA, 6NLP, 4NSA, and 9NAL or older artwork levels.

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