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SNUPPS

Standardized Nuclear Unit
Power Plant System

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Nicholas A. Petrick
Executive Director

August 10, 1981

SLNRC 81- 063 FILE: 0278
SUBJ: Description of ESF Status Panels

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

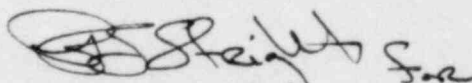
Docket Nos. STN 50-482, STN 50-483, and STN 50-486

Reference: SLNRC 81-49, June 23, 1981: Same subject

Dear Mr. Denton:

The referenced letter forwarded a description of the SNUPPS ESF Status Panels to the NRC. During a meeting with NRC's Instrumentation and Control Systems Branch on July 27, 1981, SNUPPS stated that certain changes to the Status Panels had been made. In response to an NRC question (ICSB agenda item number 67) regarding multiple valve windows, SNUPPS stated that Auxiliary Feedwater System Valves, ALHV-5, 6, 7, 8, 9, 10, 11, and 12 now had a window for each valve. It should be noted that there still are ESF Status Panel component windows with multiple component inputs. Updated figures (2 sheets) of the layout of the ESF Status Panel lamp boxes are enclosed.

Very truly yours,


Nicholas A. Petrick

RLS/vas
Enclosure

cc: J. K. Bryan
G. L. Koester
D. T. McPhee
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T. E. Vandel

UE
KGE
KCPL
NRC/Cal
NRC/WC



10466-E-094 (Q)

SPARE	SPARE	SIS			GLHZ 86	GLHZ 88	SGL13B	CSAS		SPARE	SPARE	SLIS		SPARE	FWIS	SPARE	CLASS I ELECT				KKJOIB
PALOIB	PEFOIB	SPARE	PEGOIB	GFHL 31A	GKHZ 151	SGL09B	PENOIB	BNHV 3	ENHV 12	ENHV 16	ABLV 7	ABHV 11	ABHV 12	SPARE	AEFV 39	152 NB0208	152 NB0213	52 NG0201	52 NG0407		
SPARE	SPARE	SPARE	PEGOIB	GFHZ 31B	GKHZ 152	SGL10B	EGHV 60	CISØB		EGHV 62	ABLV 8	ABHV 14	ABHV 15	SPARE	AEFV 40	152 NB0209	152 NB0216	52 NG0206	52 NG0805		
SPARE	EFHV 25	EFHV 40	EGHV 70A	GFHZ 33A	GKHZ 154	SGL11B	EGHV 71	CISØA		EGHV 27,13,133	ABLV 9	ABHV 17	ABHV 18	SPARE	AEFV 41	152 NB0210	152 NB0217	52 NG0207	52 NG06E		
GEHZ 102	EFHV 26	EFHV 46	EGHV 70B	GFHZ 33B	GLHZ 14	SGL12B	GSHV 32	GSHV 39	GSHV 36	SJHV 6	ABLV 10	ABHV 20	ABHV 21	SPARE	AEFV 42	152 NB0211	52 NG0216	52 NG0401	SPARE		
GEHZ 104	EFHV 32	EFHV 50	EGTV 30	CGG02B	GLHZ 33	SGL15B	GSHV 38	GSHV 35	EJHV 22	LSP	SGF02B	AFAS		SGB015	AEFV 44	152 NB0212	SPARE	52 NG0406	SPARE		
CGM01B	EFHV 34	EFHV 52	SGF02B	SPARE	GLHZ 62	SPARE	SJHV 192	SJHV 129	SJHV 127	ALHV 30	PALOIB	BMHV 1	BMHV 19	BMHV 35	AEFV 46	GKHZ 184A	CRVIS		SGK05B		
GMHZ 9	EFHV 38	EFHV 60	GFHZ 12	GGHZ 43	GLHZ 70	CGN03B	GSHV 4	GSHV 21	LFFV 96	ALHV 33	ALHV 5	BMHV 2	BMHV 20	BMHV 36	SPARE	CGK03B	CGK04B	SGK04B	GKHZ 184B		
GTHZ 27	EFHV 39	EFHV 66	GFHZ 13	GGHZ 44	GLHZ 72	CGN03D	ENHV 7	SPACE	BHV 3	ALHV 34	ALHV 7	BMHV 3	BMHV 21	BMHV 37	SPARE	GKHZ 30A	GKHZ 83A	GKHZ 40A	GKHZ 184C		
GTHZ 29	LFHV 105	EFHV 88	GFHZ 21	SPARE	GLHZ 74	SGN01B	GSHV 5	GSHV 8	GSHV 9	SPARE	ALHV 10	BMHV 4	BMHV 22	BMHV 38	SPARE	GKHZ 30B	GKHZ 83B	GKHZ 40B	GKHZ 161		
EJHV 8809B	BNLCV 112E	SPARE	GFHZ 23	SPARE	GLHZ 76	SGN01D	SJHV 5	SJHV 12	SJHV 18	EFHV 25	ALHV 12	SPARE	SPARE	SPARE	SPARE	GKHZ 30C	GKHZ 57A	GKHZ 98A	GKHZ 173A		
EJHV 8840	BNHV 8806B	SPARE	PENOIB	PBG05B	BGHV 8111	PEJOIB	BGHV 8100	SPARE	HBHV 7150	EFHV 26	CPIS		FBIS		SPARE	GKHZ 30D	GKHZ 57B	GKHZ 98B	GKHZ 173B		
EMHV 8802B	BNHV 8812B	EJHV 8811B	EMHV 8801B	BGHV 8105	BGLCV 112C	EMHV 8870B	BGHV 8152	HBHV 7136	BLHV 8047	PEFOIB	GTHZ 4	GTHZ 11	GGRZ 36	CGG02B	SPARE	GKHZ 55A	GKHZ 184D	GKHZ 122A	GKHZ 175A		
EMHV 8821B	BNHV 8813	EMHV 8807B	EMHV 8803B	EMHV 8924	EMHV 8923B	EPHV 8808B	EMHV 8843	EMHV 8871	EPHV 8880	EFHV 66	GTHZ 6	SPARE	GGHZ 43	SPARE	SPARE	GKHZ 55B	GKHZ 184E	GKHZ 122B	GKHZ 175B		
EMHV 8835	EJHV 8804B	EJHV 8716B	PEM02B	EJHCV 607	BNHCV 8800B	EPHV 8808D	EJHCV 8890B	EMHV 8888	BBHV 8027	SPARE	GTHZ 8	SPARE	GLHZ 62	SPARE	GKHZ 83C	GKHZ 123A	GKHZ 123B	GKHZ 123C	LAMP TEST SWITCH		

FIGURE 4
FRONT VIEW LAYOUT OF ESF STATUS (AND NSSS MONITOR) INDICATION SUBSYSTEM
VISUAL DISPLAY PANEL- SA066Y

NOTE: HEAVY LINEWORK WITHIN PANEL INDICATES DEMARCATION TAPE.

SHEET 2
REV. 4

10466-E-094 (Q)

SPARE	SPARE	S I S			GLHZ 85	GLHZ 87	SGL13A	CSAS		SPARE	SPARE	SLIS		SPARE	FWIS	SPARE	CLASS I ELECT.			KKJOIA
PALOIA	PEFOIA	SPARE	PEGOIA	GFHZ 30A	GKHZ 150	SGLO9A	PENOIA	BNHV 4	ENHV 6	ENHV 15	ABLV 7	ABHV 11	ABHV 12	ABHV 48	AEFV 39	152 NBO106	152 NBO117	52 NGO101	52 NGO107	
SPARE	SPARE	SPARE	PEGOK	GFHZ 30B	GKHZ 153	SGL10A	EGHV 58	CISØB		EGHV 59	ABLV 8	ABHV 14	ABHV 15	ABHV 49	AEFV 40	152 NBO109	152 NBO116	52 NGO106	52 NGO105	
SPACE	EFHV 23	EFHV 42	EEHV 69A	GFHZ 32A	GKHZ 155	SGL11A	EGHV 61	CISØA		EGHV 126/130/132	ABLV 9	ABHV 17	ABHV 18	SPARE	AEFV 41	152 NBO110	152 NBO117	52 NGO107	52 NGO105E	
GEHZ 101	EFHV 24	EFHV 45	EGHV 69B	GFHZ 32B	GLHZ 13	SGL12A	GSHV 31	GSHV 33	GSHV 37	SJHV 5	ABLV 10	ABHV 20	ABHV 21	SPARE	AEFV 42	152 NBO111	52 NGO116	52 NGO301	SPARE	
GEHZ 103	EFHV 31	EFHV 49	EGTV 29	CGG02A	GLHZ 32	SGL15A	GSHV 34	GSHV 30	EJHV 21	LSP	SGF02A	AFAS		SGBSIS	AEFV 43	152 NBO112	SPARE	52 NGO306	SPARE	
CGNOIA	EFHV 33	EFHV 51	SGF02A	SPARE	GLHZ 69	SPARE	SJHV 131	SJHV 128	SJHV 130	ALHV 31	PALOIA	BMHV 1	BMHV 65	SPARE	AEFV 45	SPARE	CRVIS		SGK05A	
GMHZ 9	EFHV 37	EFHV 59	GFHZ 11	GGHZ 40	GLHZ 71	CGND3A	GSHV 13	GSHV 20	LFFV 95	ALHV 32	ALHV 6	BMHV 2	BMHV 66	SPARE	SPARE	CGK03A	CGK04A	SGK04A	SPARE	
GTHZ 26	EFHV 41	EFHV 65	GFHZ 14	GGHZ 41	GLHZ 73	CGND3C	ENHV 1	KAFV 29	GSHV 12	ALHV 35	ALHV 8	BMHV 3	BMHV 67	SPARE	SPARE	GKHZ 19A	GKHZ 75A	GKHZ 29A	SPARE	
GTHZ 28	LFHV 106	EFHV 87	GFHZ 20	GGHZ 42	GLHZ 75	SGNOIA	GSHV 14	GSHV 17	GSHV 18	ALHV 36	ALHV 9	BMHV 4	BMHV 68	SPARE	SPARE	GKHZ 19B	GKHZ 75B	GKHZ 29B	GKHZ 160	
EJHV 8809A	BNLCV 112D	SPARE	GFHZ 22	GLHZ 80	GLHZ 81	SGNOIC	SJHV 6	SJHV 13	SJHV 19	EFHV 23	ALHV 11	SPARE	SPARE	SPARE	SPARE	GKHZ 19C	GKHZ 13A	GKHZ 13F	GKHZ 172A	
SPARE	BNHV 8806A	EMHV 8814A	PEMOIA	PBG05A	BGHV 8110	PEJOIA	BGHV 8112	KCHV 253	HBHV 7176	EFHV 24	CPIS		FBIS		SPARE	GKHZ 19D	GKHZ 13B	GKHZ 136	GKHZ 172B	
EMHV 8802A	BNHV 8812A	EJHV 8811A	EMHV 8801A	BGHV 8106	BGLCV 112B	EMHV 8870A	BGHV 8160	HBHV 7126	SPARE	PEFOIA	GTHZ 5	ETHZ 12	GGRZ 37	CGG02A	SPARE	GKHZ 59A	GKHZ 13C	GKHZ 13H	GKHZ 174A	
EMHV 8821A	EMHV 8814B	EMHV 8807A	EMHV 8803A	EMHV 8803	EMHV 8923A	EPHV 8808A	EMHV 8824	EMHV 8881	EMHV 8823	EFHV 65	GTHZ 7	SPARE	GGHZ 40	SPARE	SPARE	GKHZ 59B	GKHZ 13D	SPARE	GKHZ 174B	
SPARE	EJHV 8804A	EJHV 8716A	PEMO2A	EJHCV 106	BNHCV 8800A	EPHV 8808C	EJHCV 8890A	EMHV 8964	BBHV 8026	EJHCV 8825	GTHZ 9	SPARE	GGHZ 42	SPARE	GKHZ 15C	SPARE	GKHZ 13E	SPARE	LAMP TEST SWITCH	

FIGURE 4
FRONT VIEW LAYOUT OF ESF STATUS (AND NSSS MONITOR) INDICATION SUBSYSTEM
VISUAL DISPLAY PANEL - SA066X

NOTE: HEAVY LINEWORK WITHIN PANEL INDICATES DEMARCATION TAPE.

SHEET 1
REV. 4