

RIVER BEND STATION TRACKING SYSTEM

U.S. NUCLEAR REGULATORY COMMISSION

Office of Nuclear Reactor Regulation

Division of Licensing

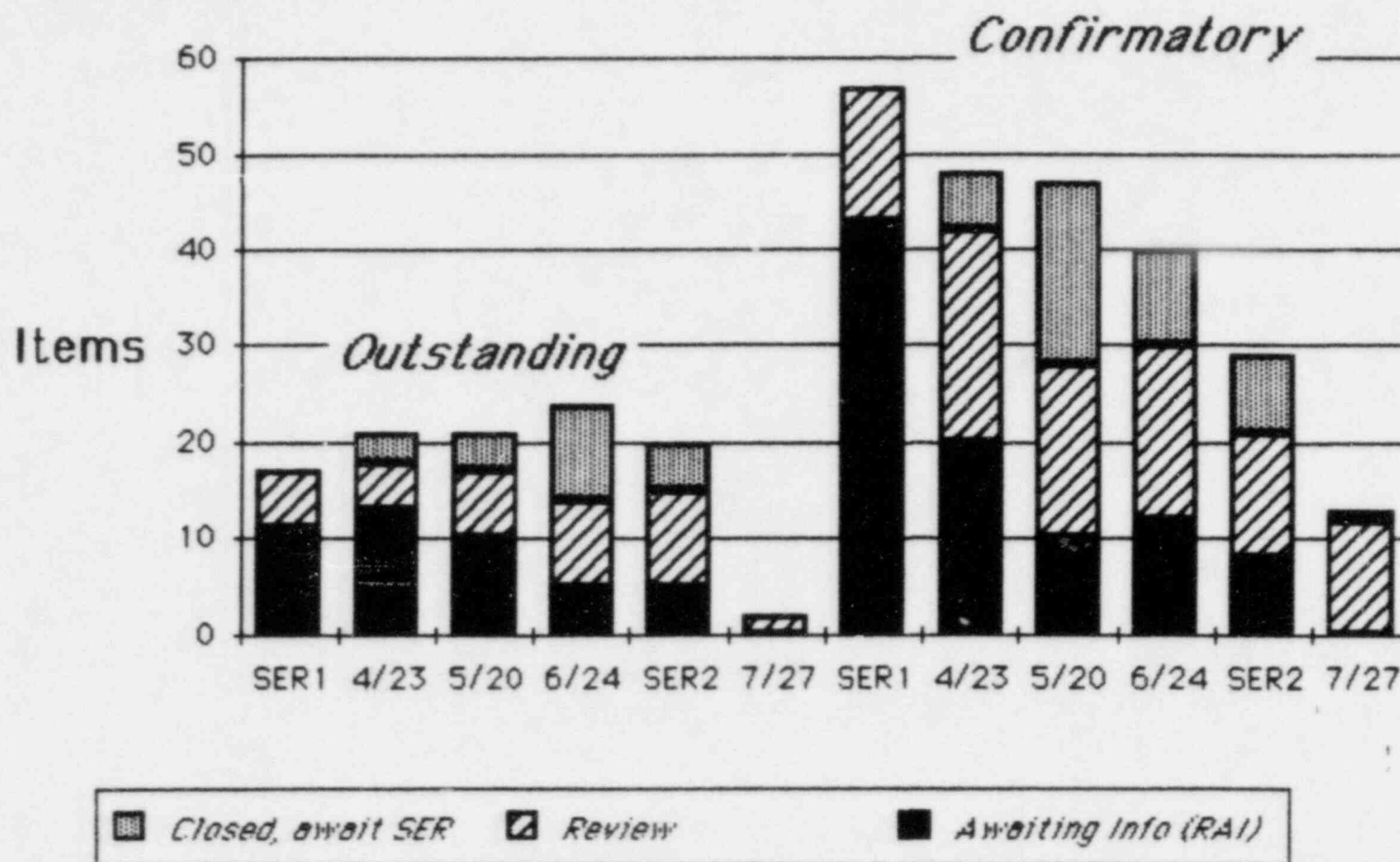
LB#2

Stephen M. Stern, Project Manager

July 27, 1985

OPEN SER ITEMS

River Bend



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OUTSTANDING/CONFIRMATORY ITEMS - Awaiting SER Inputs-7/27)

River Bend Tracking System - Stephen M. Stern, Project Manager

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Type:	Item:	Rev Brnch
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CI.04	Pipe failure modes and check valve stress analysis	MEB
CI.21	Elect Instrumentation & Control System Diagrams	ICSB
CI.23	Instrument Setpoints	ICSB
CI.24	RPS power supply protection	ICSB
CI.25	RPS and ESF channel separation	ICSB
CI.29	ESF reset control	ICSB
CI.31	Instrumentation and control power bus loss	ICSB
CI.32	RCIC system	ICSB
CI.34	Post-accident monitoring instrumentation	ICSB
CI.36	High/low pressure interlocks	ICSB
CI.39	Rod pattern control system microprocessors	ICSB
CI.40	DRMS	ICSB
CI.42	Multiple control system failures	ICSB
OI.09	Inoperative and Bypassed Status	ICSB
OI.20a	Human factors-Safety Parameter Display System	HFEB

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OUTSTANDING/CONFIRMATORY ITEMS - Closed in SSER3 (to date-7/27)

River Bend Tracking System - Stephen M. Stern, Project Manager

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Type:	Item:	Rev Brnch
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CI.13	SRV discharge testing	SGEB
CI.26	Isolation devices	ICSB
CI.30	Initiation of ESF support systems	ICSB
CI.38	NMS and RCIS isolation	ICSB
CI.41	High energy line break control system failures	ICSB
CI.44	LPCS/RHRA pump procedures	PSB
CI.46	Second level undervoltage protectin relay setpoint	PSB
CI.47	Verif test results-station elect distrib syst volt	PSB
CI.49	Non-class 1E loads-powered from Class 1E power sup	PSB
CI.60	TMI Item I.C.1	PSRB
CI.61	Initial test program revisions	PSRB
CI.65	Ult heat sink capability with delayed fan start	ASB/EHEB
CI.66	Particp of HF specialists in remain DCRD reviews	HEB
CI.67	Additional task analysis documentation	HEB
CI.68	Control room modifications	HEB
CI.69	Containment Venting Procedures	PSRB
CI.70	Monitoring Instruments for HPCS 125 VAC System	PSB
CI.71	Protection Curves for Lighting Penetration Circuit	PSB
OI.02	Moderate-energy line breaks	ASB
OI.03	High-energy line breaks	ASB
OI.05a	Equipment Qualification-Seismic	EQB
OI.05b	EQ-Environmental Qualification of Equipment	EQB
OI.06	Preservice Inspection Program	MTEB
OI.10a	Emergency Diesel Generators-Electrical Loads	PSB
OI.10b	TDI Emergency Diesel Qualifications	TDI
OI.13	Safe/alternate shutdown	CMEB/ASB
OI.19	Separation of Electrical Circuits	PSB
OI.20b	Control room survey completion & resolutn of HEDs	HEB
OI.20c	Resolution of HEDs	HEB
OI.21a	Aux Syst-Standby service water system	ASB
OI.21b	Aux Systems-Standby liquid control system	ASB
OI.21c	Aux Syst-Low pressure interface leakage	ASB
OI.21d	Aux Sys-Compressed Air Systems	ASB
OI.21e	Aux Systems-Equip & Floor Drains	ASB
OI.21f	Aux Syst-Diesel Gen Bldg Ventilation	ASB
OI.21g	Aux Syst- Misc HVAC Systems	ASB
OI.22	80% Starting Voltage for Class 1E Motors	PSB

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OUTSTANDING/CONFIRMATORY ITEMS - Closed in SSER2

River Bend Tracking System - Stephen M. Stern, Project Manager

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Type:	Item:	Rev Brnch
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CI.01	West Creek sediment removal	EHEB
CI.03	Slope stability	SGEB
CI.05	Annulus pressurization	MEB
CI.07	Thermal and anchor displacement loads	MEB
CI.08	Fuel rod mechanical fracturing	CPB
CI.09	Fuel assembly structural damage	CPB
CI.11	LOCTVS/CONTEMPT-LT 28 computer codes	CSB
CI.12	Reactor vessel cooldown rate	CSB
CI.14	Mark III-related issues (Humphrey Issue)	CSB
CI.15	Containment repressurization	CSB
CI.18	Containment purge valves	EQB/CSB
CI.19	Hydrogen Control	CSB
CI.20	PVLCS leakage	CSB
CI.22	Routing of circuit and sensors	ICSB
CI.27	Reactor mode switch	ICSB
CI.28	ADS actuation	ICSB
CI.33	Standby Liquid Control System-Controls	ICSB
CI.35	Temperature effects on level measurements	ICSB
CI.37	End Of Cycle-Recirculation Pump Trip	ICSB
CI.43	Emergency Response Information System (ERIS)	ICSB
CI.45	EPA/RPS motor generator set interconnection	PSB
CI.48	Safety cable identification	PSB
CI.50	Post-accident sampling system	CMEB
CI.51	Diesel generators - mechanical issues	PSB
CI.52	TMI Item II.F.1 Attachment 2	METB
CI.54	TMI Item II.B.2	RAB
CI.55	Backup RPM designate	RAB
CI.56	Personnel resumes	RegIV
CI.57	Licensed operator review	RegIV
CI.58	Offsite fire department training	RegIV
CI.59	Emergency planning	EPB/IE
CI.62	Proper ESF function	RegIV
CI.63	Safety system operability status	RegIV
CI.72	Communication Procedures	PSB
CI.73	Lighting Procedures	PSB
CI.74	Pressure test HPCS air start	PSB
CI.75	Design, install, test HPCS lube oil system piping	PSB
CI.76	Turbocharger prelube-HPCS	PSB
CI.77	Process Control Program	METB
CI.78	Subcompartment Pressure Analysis	CSB
CI.79	Cable Derating	PSB
OI.04	Inservice Test Program (+RCS pres bdry valve leak)	MEB
OI.07	Containment Loads	CSB
OI.08	ECCS LOCA analysis (II.K.3.31)	RSB
OI.10c	Emergency Diesels-Auxiliary Support Systems	PSB
OI.11	Submergence of Electrical Equipment	PSB
OI.12	Heavy-load handling system	ASB
OI.14	Communications systems	PSB
OI.15	Lighting Systems	PSB
OI.16	HPCS diesel generator	PSB
OI.17	Fuel Oil Storage	PSB
OI.18	Emergency Preparedness	EPB/IE

MASTER LIST OF OUTSTANDING/CONFIRMATORY ISSUES - River Bend Station Tracking System NRC/NRR/DL/LB#2 S.M.Stern, Project Manager

Type:	Item:	Status	AD	Rev Brnch	Reviewer	SER #s
CI.01	West Creek sediment removal	closed	MCET	ENEB	Wescott	2.4.3.3
CI.03	Slope stability	closed	CSE	SGEB	Chen, J.T.	2.5.5.1, 2.5.5.2
CI.04	Pipe failure modes and check valve stress analysis	info	CSE	MEB	Terao	3.6.2
CI.05	Annulus pressurization	closed	CSE	MEB	Terao	3.9.2.4
CI.07	Thermal and anchor displacement loads	closed	CSE	MEB	Terao	3.9.3.3
CI.08	Fuel rod mechanical fracturing	closed	CPS	CPB	Wu, S.L.	4.2.3.2
CI.09	Fuel assembly structural damage	closed	CPS	CPB	Wu, S.L.	4.2.3.3
CI.11	LOCTUS/CONTEMP-LT 28 computer codes	closed	RS	CSB	Eltawila	6.2.1
CI.12	Reactor vessel cooldown rate	closed	RS	CSB	Eltawila	6.2.1.7
CI.13	SRV discharge testing	closed	RS	SGEB	Tan	6.2.1.8.3
CI.14	Mark III-related issues (Humphrey Issue)	closed	RS	CSB	Eltawila	6.2.1.9
CI.15	Containment repressurization	closed	RS	CSB	Eltawila	6.2.1
CI.18	Containment purge valves	closed	CSE	EQB/CSB	Wright	6.2.4
CI.19	Hydrogen Control	closed+	RS	CSB	Notafranc.	6.2.5, 15.9.2
CI.20	PVLCS leakage	closed	RS	CSB	Eltawila	6.2.6.3
CI.21	Elect Instrumentation & Control System Diagrams	review	RS	ICSB	Kendall	
CI.22	Routing of circuit and sensors	closed	RS	ICSB	Kendall	7.2.2.1
CI.23	Instrument Setpoints	review	RS	ICSB	Kendall	
CI.24	RPS power supply protection	review	RS	ICSB	Kendall	
CI.25	RPS and ESF channel separation	info	RS	ICSB	Kendall	
CI.26	Isolation devices	closed	RS	ICSB	Kendall	7.2.2.6
CI.27	Reactor mode switch	closed	RS	ICSB	Kendall	7.2.2.7
CI.28	ADS actuation	closed	RS	ICSB	Kendall	7.3.2.3
CI.29	ESF reset control	review	RS	ICSB	Kendall	
CI.30	Initiation of ESF support systems	closed	RS	ICSB	Kendall	7.3.2.7
CI.31	Instrumentation and control power bus loss	review	RS	ICSB	Kendall	
CI.32	RCIC system	review	RS	ICSB	Kendall	
CI.33	Standby Liquid Control System-Controls	closed	RS	ICSB	Kendall	7.4.2.3
CI.34	Post-accident monitoring instrumentation	review	RS	ICSB	Kendall	
CI.35	Temperature effects on level measurements	closed	RS	ICSB	Kendall	7.5.2.5
CI.36	High/low pressure interlocks	review	RS	ICSB	Kendall	
CI.37	End Of Cycle-Recirculation Pump Trip	closed	RS	ICSB	Kendall	7.6.2.4
CI.38	NMS and RCIS isolation	closed	RS	ICSB	Kendall	7.6.2.5
CI.39	Rod pattern control system microprocessors	closed-	RS	ICSB	Kendall	
CI.40	DRMS	info	RS	ICSB	Kendall	
CI.41	High energy line break control system failures	closed	RS	ICSB	Kendall	7.7.2.1
CI.42	Multiple control system failures	review	RS	ICSB	Kendall	
CI.43	Emergency Response Information System (ERIS)	closed	RS	ICSB	Kendall	7.7.2.3
CI.44	LPCS/RHRA pump procedures	closed	CPS	PSB	Lazevnick	8.3.1
CI.45	EPA/RPS motor generator set interconnection	closed	CPS	PSB	Lazevnick	8.3.1, 8.4.6
CI.46	Second level undervoltage protection relay setpoint	closed	CPS	PSB	Lazevnick	8.4.1
CI.47	Verif test results-station elect distrib syst volt	closed	CPS	PSB	Lazevnick	8.4.1
CI.48	Safety cable identification	closed	CPS	PSB	Lazevnick	8.4.5
CI.49	Non-class 1E loads-powered from Class 1E power sup	closed	CPS	PSB	Lazevnick	8.4.6
CI.50	Post-accident sampling system	closed	MCET	QNEB	Wu	10.4.6
CI.51	Diesel generators - mechanical issues	closed	CPS	PSB	Ungaro	9.5.4.1, 9.5.5, 9.5.7
CI.52	THI Item II.F.1 Attachment 2	closed	RP	METB	Fell	11.5.4
CI.54	THI Item II.B.2	closed	RP	RAB	Minns	12.3.2
CI.55	Backup RPM designate	closed	RP	RAB	Minns	12.5.1
CI.56	Personnel resumes	closed	RegIV	RegIV	Jaudon	13.1.4

MASTER LIST OF OUTSTANDING/CONFIRMATORY ISSUES - River Bend Station Tracking System NRC/NRR/DL/LB#2 S.M.Stern, Project Manager

Type:	Item:	Status	AD	Rev Brnch	Reviewer	SER ss
CI.57	Licensed operator review	closed	RegIV	RegIV	Jaudon	13.1.2.1
CI.58	Offsite fire department training	closed	RegIV	RegIV	Jaudon	13.2.1
CI.59	Emergency planning	closed+	IE	EPB/IE	Perotti	13.3
CI.60	THI Item I.C.1	closed+	HFS	PSRB	Bongarro	13.5.2.2, 15.5.2.3
CI.61	Initial test program revisions	closed	HFS	PSRB	Becker	
CI.62	Proper ESF function	closed	RegIV	RegIV	Jaudon	15.9.3
CI.63	Safety system operability status	closed	RegIV	RegIV	Jaudon	15.9.3
CI.65	Ult heat sink capability with delayed fan start	closed	CPS	ASB/EHEB	Ridgely	9.2.5, 2.4.11
CI.66	Particip of HF specialists in remain DCRD reviews	closed	HFS	HEB	Ramirez	18.
CI.67	Additional task analysis documentation	closed	HFS	HEB	Ramirez	18.
CI.68	Control room modifications	closed	HFS	HEB	Ramirez	18.
CI.69	Containment Venting Procedures	closed+	HFS	PSRB	McCoy	13.5.2.3
CI.70	Monitoring Instruments for HPCS 125 WAC System	closed	CPS	PSB	Lazevnick	8.3.2
CI.71	Protection Curves for Lighting Penetration Circuit	closed	CPS	PSB	Lazevnick	8.4.2
CI.72	Communication Procedures	closed+	CPS	PSB	Ungaro	9.5.2.1
CI.73	Lighting Procedures	closed+	CPS	PSB	Ungaro	9.5.3
CI.74	Pressure test HPCS air start	closed+	CPS	PSB	Ungaro	9.5.6.2
CI.75	Design, install, test HPCS lube oil system piping	closed+	CPS	PSB	Ungaro	9.5.7
CI.76	Turbocharger prelube-HPCS	closed+	CPS	PSB	Ungaro	9.5.8
CI.77	Process Control Program	closed+	RP	METB	Fell	11.2, 11.4
CI.78	Subcompartment Pressure Analysis	closed	RS	CSB	Eltawila	6.2.1.6
CI.79	Cable Derating	closed	CPS	PSB	Lazevnick	8.4.9
OI.01	Hydrostatic loading	closed	MCET	EHEB		2.4.2.2, 2.4.12
OI.02	Moderate-energy line breaks	closed	CPS	ASB	Ridgely	3.6.1
OI.03	High-energy line breaks	closed	CPS	ASB	Ridgely	3.6.1
OI.04	Inservice Test Program (+RCS pres bdry valve leak)	closed+	CSE	MEB	Rothberg	3.9.6
OI.05a	Equipment Qualification-Seismic	closed	CSE	EQB	Bagchi	
OI.05b	EQ-Environmental Qualification of Equipment	closed	CSE	EQB	Walker	
OI.06	Preservice Inspection Program	closed	MCET	MTEB	Hun	5.2.4, 6.6
OI.07	Containment Loads	closed	RS	CSB	Eltawila	6.2.1.8.3
OI.08	ECCS LOCA analysis (11.K.3.31)	closed	RS	RSB	Thomas	6.3.3, 15.9.4
OI.09	Inoperative and Bypassed Status	review	RS	ICSB	Kendall	
OI.10a	Emergency Diesel Generators-Electrical Loads	closed	CPS	PSB	Lazevnick	8.3.1
OI.10b	TDI Emergency Diesel Qualifications	closed	DL	TDI	Berlinger	
OI.10c	Emergency Diesels-Auxiliary Support Systems	closed	CPS	PSB	Ungaro	9.5.4.1, 9.5.5, 9.5.6, 9.5.6.2
OI.11	Submergence of Electrical Equipment	closed	CPS	PSB	Lazevnick	8.4.7
OI.12	Heavy-load handling system	closed	CPS	ASB	Ridgely	9.1.5
OI.13	Safe/alternate shutdown	closed	MCET	QNEB/ASB	West/Ridge	
OI.14	Communications systems	closed	CPS	PSB	Ungaro	9.5.2.1
OI.15	Lighting Systems	closed	CPS	PSB	Tomlinson	9.5.3
OI.16	HPCS diesel generator	closed	CPS	PSB	Ungaro	9.5.4.1, 9.5.5, 9.5.6, 9.5.6.2
OI.17	Fuel Oil Storage	closed	CPS	PSB	Ungaro	9.5.4.2
OI.18	Emergency Preparedness	closed	IE	EPB/IE	Perotti	13.3
OI.19	Separation of Electrical Circuits	closed	CPS	PSB	Lazevnick	8.4.5
OI.20a	Human factors-Safety Parameter Display System	review	HFS	HFEB	Lapinsky	18.2
OI.20b	Control room survey completion & resolutn of HEDs	closed	HFS	HEB	Ramirez	18.
OI.20c	Resolution of HEDs	closed	HFS	HEB	Ramirez	18.
OI.21a	Aux Syst-Standby service water system	closed	CPS	ASB	Ridgely	9.2.7
OI.21b	Aux Systems-Standby liquid control system	closed	CPS	ASB	Ridgely	4.6
OI.21c	Aux Syst-Low pressure interface leakage	closed	CPS	ASB	Ridgely	5.25

MASTER LIST OF OUTSTANDING/CONFIRMATORY ISSUES - River Bend Station Tracking System NRC/NRR/DL/LBN2 S.M.Stern, Project Manager

Type:	Item:	Status	AD	Rev Brnch	Reviewer	SER Ss
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01.21d	Aux Sys-Compressed Air Systems	closed	CPS	ASB	Ridgely	--
01.21e	Aux Systems-Equip & Floor Drains	closed	CPS	ASB	Ridgely	
01.21f	Aux Syst-Diesel Gen Bldg Ventilation	closed	CPS	ASB	Ridgely	
01.21g	Aux Syst- Misc HVAC Systems	closed	CPS	ASB	Ridgely	
01.22	80% Starting Voltage for Class 1E Motors	closed	CPS	PSB	Lasevnick	8.3.1

PUNCH LIST River Bend Station Tracking System NRC/NRR/DL/LB#2 S.M.Stern, Project Manager

OI-Outstanding Issue; *OIN*-new OI; *CI*-Confirmatory Issue; *CIN*-new CI; *closed*-Resolved technically, awaiting SER
 SER Input(items awaiting information) is estimated SSER closeout after receipt of information; *Date*-data entry date
 Resolution: *fuel ld*-resolved by initial fuel load; *5% pwr*prior to exceed 5% power; *F.R.Out*-first refueling outage

Type:	Abbr Title	Resolution	Status	SER Input	Lic Cond?	Exempt?	Rev Brnch	Reviewer	Ext.	Date	PM
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CI.04	Pipe fail/chk valve	5% pwr	review		yes	no	MEB	Terao	24426	05.16.85	BS
OI.20a	SPDS	02.86	review	10.30.85	yes	no	HFEB	Lapinsky	29694	06.12.85	SS
CI.21	Inst & Ctrl Sys Diag	5% pwr	review	06.15.85	no	no	ICSB	Kendall	29451	05.09.85	RC
CI.23	Instrument Setpoints	F.R.Out	review	1986	yes	no	ICSB	Kendall	29451	06.11.85	RC
CI.24	RPS power supply	5% pwr	review	06.15.85	yes	no	ICSB	Kendall	29451	06.11.85	RC
CI.25	RPS&ESF channel sep	5% pwr	info	+2wks	yes	?	ICSB	Kendall	29451	06.12.85	RC
CI.29	ESF reset control	5% pwr	review	06.15.85	no	no	ICSB	Kendall	29451	06.12.85	RC
CI.31	I&C power bus loss	F.R.Out	review		yes	no	ICSB	Kendall	29451	06.11.85	RC
CI.32	RCIC system	5% pwr	review	06.15.85	no	no	ICSB	Kendall	29451	06.11.85	RC
CI.34	Post-accid monitor	F.R.Out	review	06.15.85	yes	no	ICSB	Kendall	29451	06.11.85	RC
CI.36	Hi/lo pres interlock	5% pwr	review	06.15.85	no	no	ICSB	Kendall	29451	06.11.85	RC
CI.39	Rod pattern control		closed-	06.15.85	no	no	ICSB	Kendall	29451	06.11.85	RC
CI.40	DAMS	5% pwr	info	+2wks	?	no	ICSB	Kendall	29451	06.11.85	RC
CI.42	Mult cntrl syst fail	F.R.Out	review	06.15.85	yes	no	ICSB	Kendall	29451	06.11.85	RC
OI.09	Inop/bypass Status	5% pwr	review	06.00.85	?	no	ICSB	Kendall	29451	06.11.85	RC