December 17, 1990

Dr. Thomas E. Nurley Office of Nuclear Reactor Regulation US Nuclear Regulatory Commission Washington, DC 20555 Attn: Document Control Desk

Subject: Byron Station Units 1 & 2

Braidwood Station Units 1 & 2

Fire Protection Report - Amendment 13 NRC Docke+ Nos. 50-454/455 and 50-456/457

Reference: (a) August 16, 1982 T.R. Tramm letter to

H.R. Denton

Dear Dr. Murley

Reference (a) provided the initial submittal of the Byron and Braidwood Fire Protection Report (FPR). This letter provides Amendment 13 of the FPR for the NRC Staff review. Amendment 13 updates the FPR to incorporate new and revised information applicable to the Byron and Braidwood Stations. These changes do not represent a decrease in the level of fire protection which requires prior NRC arrest according to the following: (a) Condition 2.C.6 of the Byron Unit 1 Facility Operating License, NPF-37; (b) Condition 2.E of the Byron Unit 2 Facility Operating License, NPF-66; (c) Condition 2.E of the Braidwood Unit 1 Facility Operating License, NPF-72; or (d) Condition 2.E of the Braidwood Unit 2 Facility Operating License, NPF-77.

Amendment 13 includes changes which reflect changes to the facility and procedures which were in effect as of June 18, 1990. Included in this amendment is a general update of the identified combustible material inventories and the calculated combustible loads for many fire zones. Other changes can generally be categorized as editorial in nature. Attachment A to this letter provides an itemized summary and explanation of all changes included.

Pursuant to 10 CFR 50.4(b)(6), one signed original and ten (10) copies are being provided to the Document Control Desk, plus two (2) copies to the NRC Region III office and one (1) copy each to the Byron and Braidwood Resident Inspectors offices.

Please address any questions concerning this matter to this office.

A.R. Checca

Nuclear Licensing Administrator

Very truly, yours,

cc: T. Shia-NRR

R. Pulsifer-NRR

J. Hinds-RIII

Resident Inspector-byron

Resident Inspector-Braidwood

December 17, 1990

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Braidwood Station Units 1 & 2

Fire Protection Report - Amendment 13 NRC Docket Nos. 50-454/455 and 50-456/457

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H.R. Denton

Dear Dr. Murley

Reference (a) provided the initial submittal of the Byron and Braidwood Fire Protection Report (FPR). This letter provides Amendment 13 of the FPR for the NRC Staff review. Amendment 13 updates the FPR to incorporate new and revised information applicable to the Byron and Braidwood Stations. These changes do not represent a decrease in the level of fire protection which requires prior NRC approval according to the following: (a) Condition 2.C.6 of the Byron Unit 1 Facility Operating License, NPF-37; (b) Condition 2.E of the Byron Unit 2 Facility Operating License, NPF-66; (c) Condition 2.E of the Braidwood Unit 1 Facility Operating License, NPF-72; or (d) Condition 2.E of the Braidwood Unit 2 Facility Operacing License, NPF-77.

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Nuclear Licensing Administrator

cc: T. Shia-NRR

R. Pulsifar-NRR

J. Hinds-RIII

Resident Inspector-Byron

Resident Inspector-Braidwood

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> BYRON/BRAIDWOOD FIRE PROTECTION REPORT CHANGE LOG amendment 13

FDRP #

SECTION + PAGE

DESCRIPTION OF CHANGE

REASON/BASIS

REFERENCES/REMARKS

** FOR FPR SECTION: 01 13-015 01.01-13

Revise the specific heat loads for materials used in the combustible loading calculations.

technical comment

CECo Letter from T. Hausheer.

NOTE:

For Amendment 13, all text and tables have been converted to a PC word processing system to enhance readability and to facilitate annual updates. Subsequently, the document was reformatted such that the pages flow consecutively, thereby eliminating all "a" pages and short pages. Therefore, all pages are designated as Amendment 13. This change log addresses the technical changes and editorial comments incorporated in this amendment.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	RFASON/BASIS	REFERENCES/REMARKS
** FOR FPI	R SECTION: 02			
13-015	02.01-12	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.01-14	Revise the specific hest loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-001	02.02-19	Change detector in zone 1.1-2 over the RC pumps	modification	M20-2-88-934
		from ionization to heat detection.		
13-015	02.02-19	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.02-20	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.02-21	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.02-22	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.02-23	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.02-24	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.	Comment Comment	seed sector from tandusireer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.02-25	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	02.02-26	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Rausheer.
13-015	02.02-27	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.02-28	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.02-29	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	C2.02-30	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.02-31	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.02-32	Revise the specific heat loads for material; used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.02-33	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.

FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.02-34	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.02-35	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.02-36	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.02-37	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.02-38	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.02-39	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Mausheer.
		in the combustible loading calculations.		
13-015	02.02-40	Revise the specific heat loads for materials used	technical comment	CaCo Letter from T. Mausheer.
		in the combustible loading calculations.		seed to the financial seed and the seed of
13-015	02.02-41	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer
		in the combustible loading calculations.		The series from tangences
13-015	02.02-42	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.	cecanicat connent	ceco tetter from i.mausneer.

FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-3	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-001	02.03-3	Chang⊾ detector in zone 1.1-2 over the RC pumps from ionization to heat detection.	modification	M20-2-88-034
13-015	02.03-4	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-5	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-6	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-7	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-8	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-10	Revise the speci ic heat loads for materials used in the combustib e loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-12	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.

FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
	****************	*************************************		****************
13-015	02.03-13	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-16	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-18	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-19	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausmeer.
		in the combustible loading calculations.	Comment Comment	CLOV LECCO TION TARBOSTOCT.
13-015	02.03-20	Revise the specific heat low's for materials used	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-20	in the combustible loading calculations.	technical comment	LECO Letter from 1.Mausheer.
13-015	02.03-21	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.03-22	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer,
		in the combustible loading calculations.		
13-015	02.03-23	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-25	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		



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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASOM/BASIS	REFERENCES/REMARKS
13-015	02.03-26	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	(2.03-27	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-28	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-0*5	02.03-30	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Haush~er.
13-015	02.03-31	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from 1.Hausheer.
13-015	02.03-32	Revise the specific heat loads for materials used in the compustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	02.03-33	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-35	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T 'ausheer.
13-015	02.03-37	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Facter from T. Hausheer.

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BYRON/BRAIDWOOD
FIRE PROTECTION REPORT CHANGE LOG
amendment 13

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FORP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-39	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-40	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-42	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-44	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-45	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hmusheer.
13-015	02.03-46	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Heusheer.
13-015	02.03-47	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-48	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-49	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.

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FORP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-50	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-51	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-52	Kevise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-53	Revise the specific heat loads for materials ed	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-54	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-56	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Mausheer.
		in the combustible loading calculations.		
13-015	02.03-58	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Mausheer.
		in the combustible loading calculations.		
13-015	02.03-60	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hrusheer.
		in the combustible loading calculations.		
13-015	02.03-61	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-62	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-63	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-67	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-68	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-69	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Wausheer.
13-015	02.03-71	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-72	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-73	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-73	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS

13-015	02.03-74	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-75	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-76	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Heusheer.
13-015	02.03-77	Revise the spucific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-78	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-80	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-81	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-82	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-83	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS

13-015	02.03-86	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-87	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-88	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-90	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	02.03-91	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Haushjer.
13-015	02.03-92	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-93	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-95	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-97	Revise the specific heat loads for materials used in the combustione loading calculations.	technical comment	CECo Letter from T.Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
		***************	************	***************************************
13-015	02.03-98	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer,
		in the combustible loading calculations.		
13-015	02.03-99	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-100	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the combustible loading calculations.		
13-015	02.03-101	Revise the specific heat loads for materials used	technical comment	CECo Latter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-102	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Weusheer.
		in the combustible loading calculations.		
13-015	02.03-103	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-105	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer
		in the combustible loading calculations.		
3-015	02.03-106	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-110	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Mausheer.
		in the combustible loading calculations.		220 2330 1100 1210001CC 2

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BYRON/BRAIDWOOD FIRE PROTECTION REPORT CHANGE LOG amendment 13

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS

13-015	02.03-113	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-115	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-117	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-118	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-119	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.Hausheer.
		in the ombustible loading calculations.		
13-015	02_03-120	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-122	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-127	Revise the specific heat loads for materials used	technical comment	CECo Letter from T. Hausheer.
		in the combustible loading calculations.		
13-015	02.03-129	Revise the specific heat loads for materials used	technical comment	CECo Letter from T.hausheer.
		in the combustible loading calculations.		

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-130	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-131	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-132	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-133	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-135	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-915	02.03-137	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-138	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-141	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-142	Revise the specific heat loads for materials used in the combir-tible loading calculations.	technical comment	CECo Letter from T.Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-144	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-145	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	92.03-146	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-148	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-153	Revise the specific heat low: for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-154	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-915	02.03-156	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-161	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-163	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-167	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	02.03-168	Revise the specific heat loads for materials used in the combustible loading calculations.	technical commant	CECo Letter from T. Hausheer.
13-015	02.03-169	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter fromHausheer.
13-015	02.03-172	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Mausheer.
13-015	02.03-173	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-174	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	02.03-175	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-177	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-178	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASOM/BASIS	REFERENCES/REMARKS
13-015	02.03-181	Revise the specific her loads for materials used in the combustible loading calculations.	tachnical comme	CEC Letter from T. Hausheer.
13-015	02.03-183	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Lefter from T.Rausheer.
13-015	02.03-184	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-185	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-188	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Mausheer.
13-015	02.03-189	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
13-015	02.03-191	Revise the specific heat leads for meterials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-192	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-193	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-194	Revise the specific heat loads for materials used in the combustible loading calculatives.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-195	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-198	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Wausheer.
13-015	02.03-200	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-201	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-204	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-205	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-206	Revise the specific heat loads for meterials used in the combustible loading calculations.	technical comment	CECo Letter from T. Mausheer.
i3-015	02.03-207	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Haurheer.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-015	02.03-209	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-211	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-212	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13-015	02.03-213	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T.Hausheer.
13-015	02.03-214	Revise the specific heat loads for materials used in the combustible loading calculations.	technical comment	CECo Letter from T. Hausheer.
13 024	02.04-2 BY1	Change the requirement for updating the Safe Shutdown Cable database from "monthly" to "periodically".	technical comment	FPR Section 2.4.1.3 for the other units.
13-014	02.04-96 BY1	Revise safe shutdown cable and cable-equipment lists.	modification	M6-1-86-010
13-006	02.04-99 8Y1	Revise the Safe Shutdown Cable Listing.	modification	M6-1-86-010
13-014	02.04-164 BY1	Revise safe shutdown cable and cable-equipment lists.	modification	M6-1-86-010

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-014	02.04-117 BY1	Revise safe shutdown cable and cable-equipment lists.	modification	M6-1-86-010
13-014	02.04-123 BY1	Revise safe shutdown cable and cable-equipment lists.	modification	% 6-1-86-010
13-014	02.04-156 BY1	Revise safe shutdown cable and cable equipment lists.	modification	M6-1-86-010
13-006	02.04-159 8Y1	Revise the Safe Shutdown Cable Listing.	modification	и6-*-86-010
13-030	02.04-43 BY2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subclided into smaller zones for NELB/MELB analys 3. These zones do not apply to the Fire Protection Report.
13-030	02.84-44 BYZ	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for MELB/MELB analysis. These zones do not apply to the fire Protection Report.
13-030	02.04-45 BY2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones : MELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-027	02.04-58 BYZ	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-60 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-027	02.04-65 BY2	Revise the Safe Shutdown Cable Listing for hot end cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect tocations.
13-016	02.04-69 BY2	Revise safe shutdown cable listing.	modification	M6-2-88-029
13-027	02.04-72 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-76 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-77 BYZ	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-81 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-87 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect tookions.
13-027	02.04-90 8Y2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-95 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-99 BY2	Revise the Safe Shutdown Cable Listing for not and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-027	02.04-111 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-112 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-130 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-140 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-141 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-145 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-146 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-150 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-152 8Y2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect tocations.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-027	02.04-160 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-163 BY2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-030	02.04-183 BY2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-030	02.04-184 BY2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smeller z. r. s for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-030	02.04-43 BR1	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-030	02.04-44 BR1	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	* vical comment	Subdivided into smaller zones for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-030	02.04-45 BR1	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-026	02.04-48 BR1	Revise the Safe Shutdown Cable Listing to delete reference to fire zone 1.0-1, 1.1A-1, 1.1B-1, 1.1C-1 & 1.1D-1.	technical comment	Containment was subdivided into smaller zones for HELB/MELB anciysis. These zones do not apply to the fire Protection Report.

FORP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-027	02.04-58 BR1	Revise the Safe Shutdown Cable Listing for hot and cold leg ICs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-025	02.04-70 BR1	Revise the Safe Shutdown Cable Listing.	editorial	
13-025	02.04-74 BR1	Revise the Safe Shutdown Cable Listing.	editorial	
13-027	02.04-110 BR1	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-025	02.04-110 BR1	Revise the Safe Shutdown Cable Listing.	editorial	
13-030	02.04-43 BR2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for HELB/MELB analysis. These zones to not apply to the Fire Protection Report.
13-030	02.04-45 BR2	Detete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for NELR/MELB analysis. These zones do not apply to the Fire Protection Report.
13-008	02.04-58 BR2	Pevise the Safe Shutdown Cable List.	modification	M20-2-88-064
13-027	02.04-58 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-027	02.04-60 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REAS(A/BASIS	REFERENCES/REMARKS	
13-027	02.04-65 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not locations.	affect
13-008	02.04-71 BR2	Revise the Safe Shutdown Cable List.	modification	M20-2-88-064	
13-018	02.04-74 BR2	Revise safe shutdown cable listing.	modification	M20-2-88-064	
13-027	02-04-75 BR2	Revise the Sefe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not a tocations.	effect
13-008	02.04-77 BR2	Revise the Safe Shutdown Cable List.	modification	M20-2-88-064	
13-027	02.04-79 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not a locations.	affect
13-027	02.04-81 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg ICs.	technical comment	Only revises equipment numbers. Does not a locations.	affect
13-027	02.04-85 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not a locations.	effect
13-008	02.04-89 BRZ	Revise the Safe Shutdown Cable List.	modification	M20-2-88-064	
13-008	02.04-93 BR2	Revise the Safe Shutdown Cable List.	modification	M20-2-88-064	
13-027	02.04-94 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not a locations.	effeci

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BYRON/BRAIDWOCD FIRE PROTECTION REPORT CHANGE LOG amendment 13

FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	PEASON/BASIS	REFERENCES/REMAR	eks
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13-008	02.04-97 BRZ	Revise the Safe Shutdown Cable List.	modification	M20-2-98-064	
13-027	02.04-99 BRZ	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. locations.	Does not affect
13-627	02.04-103 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. locations.	Does not affect
13-008	02.64-110 BR2	Revise the Safe Shutdown Cable List.	modification	M20-2-88-964	
13-008	02.04-116 BR2	Revise the Safe Shutdown Cable List.	modification	820-2-88-064	
13-027	02.04-120 BR2	Revise the Safe Shutdown Cable Listing for hot and cold lep TCs.	technical comment	Only revises equipment numbers. locations.	Does not effect
13-027	02.04-136 BR2	Revise the Safe Shutdown Cable Listing for hot and cold Ley TCs.	technical comment	Only revises equipment numbers. locations.	Does not affect
13-027	02.04-147 BRZ	Revise the Safe Shutdown Cable Listing for hot and cold leg ICs.	Cachnical comment	Only revises equipment numbers. locations.	Does not effect
13-027	02.04-153 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. locations.	Does not affect
13-027	02.04-157 BR2	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. locations.	Does not affect

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-008	02.04-166 BR2	Revise the Safe Shutdown Cable List.	modification	N29-2-88-064
13-027	02.04-167 BRZ	Revise the Safe Shutdown Cable Listing for hat and cold leg TCs.	technical comment	Only revises equipment numbers. Does not affect locations.
13-927	02.04-169 BRZ	Revise the Safe Shutdown Cable Listing for hot and cold leg TCs.	technical comment	Only revises equipment numbers. Does not effect locations.
13-030	02.04-188 BP2	Delete the listing of sub-zone 18.3: 1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-030	02.04-188 BR2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smeller zones for HELB/MELB analysis. These zones do not apply to the Fire Protection Report.
13-030	02.04-189 BR2	Delete the listing of sub-zone 18.3A-1/2 and revise the listing for cables in fire zone 18.3-1/2.	technical comment	Subdivided into smaller zones for MELB/MELS analysis. These zones do not apply to the Fire Protection Report.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS

** FOR FPR	SECTION: 03			
13-029	03.03-2 BR	Correct references to Section in Appendix A5.7 of the FPR.	editorial	
13-001	03.07-1 BR	Change detector in zone 1.1-2 over the RC pumps from ionization to heat detection.	modification	M20-2-88-034

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> BYRON/BRAIDWOOD FIRE PROTECTION REPORT CHANGE LOG

amendment 13

FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
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** FOR FPE	R SECTION: A5			
13-001	A5.04-17	Change detector in zone 1.1-2 over the RC pumps	modification	M20-2-88-034
		from ionization to heat detection.		
13-031	A5.04-M-28 sht 1 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-28 sht 2 BY	Figure review.	modification	S&L Interactive Drawing System.
3-031	A5.04-M-28 sht 3 BY	figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-603 sht 2 BY	figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-503 sht 15 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 1 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 3 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 4 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 5 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 6 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 7 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 8 BY	Figure review.	modification	S&L Interactive Drawing System.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-031	A5.04-M-52 sht 9 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 11 BY	Figure review.	modification.	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 13 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 14 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 15 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 16 BY	Figure review.	modification	S&L Interactive Proving Statem.
13-031	A5.04-M-58 sht 1 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 2 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M3 sht 3 BY	Figure review.	modification	SWL Interactive Drawing System.
13-031	AS.04-M-58 sht 4 8Y	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 5 BY	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 6 8Y	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 7 8Y	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 8 BY	Figure review.	modification	S&L Interactive Drawing System.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS
13-031	A5.04-M-28 sht 1 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-28 sht 2 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-603 sht 2 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-603 sht 15 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 1 BR	Figure review.	modification	S&L Interactive Crawing System.
13-031	A5.04-M-52 sht 3 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 4 BR	Figure review.	modification	S&L Interactive Grawing System.
13-031	A5.04-M-52 sht 5 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 7 BR	Figure review.	modification	S&L Interactive Drawing System.
13-051	A5.04-M-52 sht 8 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 9 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 13 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 14 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-52 sht 15 BR	Figure review.	modification	S&L Interactive Drawing System.

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FDRP #	SECTION + PAGE	DESCRIPTION OF CHANGE	REASON/BASIS	REFERENCES/REMARKS

13-031	A5.84-M-52 sht 16 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 1 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 2 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 4 BR	Figure review.	modification	S&L Interactive Drawing System.
13-031	A5.04-M-58 sht 6 BR	Figure review.	modification	S&L Interactive Drawing System.