

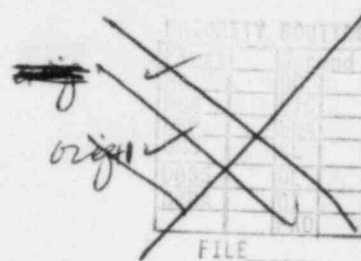
**Detroit
Edison**

Wayne H. Jens
Vice President
Nuclear Operations

Fermi-2
6400 North Dixie Highway
Newport, Michigan 48166
(313) 586-4150

January 8, 1985
EF2-70229

Mr. James G. Keppler
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137



Dear Mr. Keppler:

Reference: Fermi 2
NRC Docket No. 50-341

Subject: Large Bore Pipe Hanger Sketches

During an NRC inspection exit interview on November 29, 1984, Mr. P. Kaufman requested that Edison provide a description of the plan for incorporating outstanding design information into hanger sketches for the large bore piping (2-1/2 inches in diameter or greater) in the Fermi 2 RHR building. This letter provides the requested information.

The objective of incorporating outstanding design information into hanger sketches for the large bore piping in the RHR building is to assure that these sketches represent the as built status and to review the applicable design calculations for consistency, simplification, and accuracy. Attachment 1 lists the hanger sketches which will be updated as described below.

For the S&L designed large bore piping hangers in the Fermi 2 RHR building, the following is planned:

The Fermi 2 engineering procedures for drawing incorporation will be revised and training on the revised procedures will be conducted.

Open change documents will be identified using the automated records management system.

S&L will be requested to provide originals of hanger sketches and calculation packages for these hangers. Data in the S&L calculation packages will be arranged in a manner consistent with Edison in-house large bore piping hanger calculation packages. All approved changes will be incorporated into the related hanger sketch.

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The priorities established for the large bore piping hangers in the RHR building will be as follows:

1. Division I piping systems
2. Division II piping systems
3. Division I and II common piping systems

A schedule will be prepared listing the stress report, ABM (As Built Mechanical document) and Division assignment. Completion dates will be established and actual finish dates noted. Twice a month a report will be issued to Nuclear Operations Management.

The completion date established for this task is June 24, 1985, based on beginning this work on January 2, 1985, using three engineers and two technicians 40 hours per week.

For the remainder of the large bore Q.A. Level I hanger sketches designed by Edison/SWMI (Stone and Webster - Michigan) the following is planned:

The sketches with two or more change documents outstanding or with two or more ABM's outstanding will be updated.

The priority for updating the sketches will be:

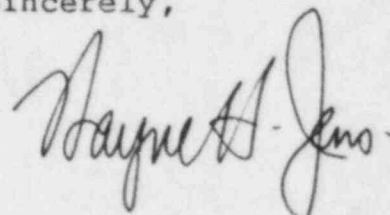
1. QA I Class 1 hangers.
2. QA I Class 2-3 hangers.

This work is scheduled to be done after the S&L update, using some of the same personnel.

Project procedure 3.16, "Hanger Sketches", is being revised to assure that all large bore hanger sketches are updated whenever two or more design change documents are outstanding.

We trust this letter satisfactorily responds to Mr. P. Kaufman's request. If you have questions regarding this matter, please contact Mr. Lewis Bregni, (313) 586-5083.

Sincerely,



cc: P. M. Byron
P. D. Kaufman
R. C. Knop
U. S. NRC Document Control Desk
Washington D.C. 20555

S&L HANGER SKETCHES

E11-2179-G11	E11-2184-G07	R30-2173-G01	R30-2175-G09
E11-2179-G12	E11-2184-G08	R30-2173-G02	R30-2175-G10
E11-2179-G13	E11-2184-G09	R30-2173-G03	R30-2175-G11
E11-2179-G14	E11-2184-G10	R30-2173-G04	R30-2175-G12
E11-2179-G15	E11-2184-G11	R30-2173-G05	R30-2175-G13
E11-2179-G16	E11-2184-G12	R30-2173-G06	R30-2175-G14
E11-2179-G17	E11-2184-G13	R30-2173-G07	R30-2175-G15
E11-2179-G18	E11-2184-G14	R30-2173-G08	R30-2175-G16
E11-2179-G19	E11-2184-G15	R30-2173-G09	R30-2175-G17
E11-2179-G20	E11-2184-G16	R30-2173-G10	R30-2175-G18
	E11-2184-G17	R30-2173-G11	R30-2175-G19
E11-2180-G11	E11-2184-G18	R30-2173-G12	R30-2175-G20
E11-2180-G12	E11-2184-G21	R30-2173-G13	R30-2175-G21
E11-2180-G13	E11-2184-G22	R30-2173-G14	R30-2175-G22
E11-2180-G14	E11-2184-G23	R30-2173-G15	
E11-2180-G15		R30-2173-G16	R30-2176-G07
E11-2180-G16	P45-2178-G05	R30-2173-G17	R30-2176-G09
E11-2180-G17	P45-2178-G06	R30-2173-G18	R30-2176-G11
E11-2180-G18	P45-2178-G07	R30-2173-G19	R30-2176-G12
E11-2180-G19	P45-2178-G08	R30-2173-G20	R30-2176-G13
E11-2180-G20	P45-2178-G09	R30-2173-G21	R30-2176-G14
	P45-2178-G10	R30-2173-G22	R30-2176-G15
E11-2183-G01	P45-2178-G11		R30-2176-G16
E11-2183-G02		R30-2174-G01	R30-2176-G17
E11-2183-G03	P45-2204-G05	R30-2174-G02	R30-2176-G18
E11-2183-G04	P45-2204-G06	R30-2174-G03	R30-2176-G19
E11-2183-G05	P45-2204-G07	R30-2174-G04	R30-2176-G21
E11-2183-G06	P45-2204-G08	R30-2174-G05	R30-2176-G22
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E11-2183-G08	P45-2204-G10	R30-2174-G07	R30-2176-G24
E11-2183-G09	P45-2204-G11	R30-2174-G09	R30-2176-G25
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E11-2183-G18	R30-2170-G10	R30-2174-G21	
E11-2183-G21	R30-2171-G01		R30-2177-G04
E11-2183-G22	R30-2171-G02	R30-2175-G01	R30-2177-G05
	R30-2171-G07	R30-2175-G02	R30-2177-G06
E11-2184-G01	R30-2171-G08	R30-2175-G03	R30-2177-G08
E11-2184-G02		R30-2175-G04	R30-2177-G09
E11-2184-G03	R30-2172-G04	R30-2175-G05	R30-2177-G11
E11-2184-G04	R30-2172-G05	R30-2175-G06	R30-2177-G13
E11-2184-G05	R30-2172-G09	R30-2175-G07	R30-2177-G15
E11-2184-G06	R30-2172-G10	R30-2175-G08	R30-2177-G16

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R30-2177-G17	R30-2182-G20	E51-3174-G22
R30-2177-G18	R30-2182-G21	E51-3174-G26
R30-2177-G20	R30-2182-G22	
R30-2177-G21	R30-2182-G23	
R30-2177-G22	R30-2182-G24	
R30-2177-G23		
R30-2177-G24	R30-2185-G01	
R30-2177-G25	R30-2185-G02	
R30-2177-G26	R30-2185-G03	
R30-2177-G27	R30-2185-G04	
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R30-2177-G29	R30-2185-G06	
R30-2177-G30	R30-2186-G01	
R30-2177-G31	R30-2186-G02	
	R30-2186-G03	
R30-2181-G01	R30-2186-G04	
R30-2181-G02	R30-2186-G05	
R30-2181-G03	R30-2186-G06	
R30-2181-G04		
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R30-2181-G12		
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	R30-2191-G02	
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R30-2182-G13	R30-2191-G13	
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R30-2182-G15	R30-2191-G18	
R30-2182-G18	R30-2191-G19	
R30-2182-G19	R30-2191-G20	
	R30-2191-G21	

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B21-SR01D	G33-3096-CUG10	N30-3526-DR012	E11-3158-G23
B21-SR02A	G33-3096-CUR01	N30-3526-DR013	E11-3159-G09
B21-SR02B	G33-3096-CUR02	N30-3526-DR015	E11-3159-G11
B21-SR02C	G33-3096-CUR04	N30-3526-DR020	
B21-SR02D	G33-3096-CUR05	B21-2187-VR001	E11-3177-G31
	G33-3096-CUR06	B21-2187-VR002	E11-3178-G04
B21-SR03B	G33-3096-CUR07	B21-2187-VR004	E11-3178-G07
B21-SR03C	G33-3096-CUR08	B21-2187-VR005	E11-3178-G08
	G33-3096-CUR11		E11-3178-G09
B21-SR04A	G33-3096-CUR12	B21-2591-G06	
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B21-SR06D	N21-3536-FR007B	B21-2596-G14	
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E21-3052-CSR2B	N21-3537-FR006A	B31-RR14B	
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E21-3052-CSR5B	N21-3537-FR008A	B31-RR15A	G33-3245-G15
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E41-2297-G05	N21-3537-G09	C41-2979-G01	
E41-2297-HPG03	N21-3537-G27	E11-3146-G24	
E41-2297-HPR02A	N21-3537-G29	E11-3146-G30	
E41-2297-HPR04	N21-3537-G39	E11-3151-G08	
		E11-3151-G20	
E51-2192-RPG01	N30-3526-DR001	E11-3151-G32	G33-3245-G34
E51-2192-RPG02	N30-3526-DR002		G51-4059-G08
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E51-2192-RPR01	N30-3526-DR006	E11-3153-G01	N30-2186-G07
E51-2192-RPR02	N30-3526-DR007	E11-3153-G17	N30-2186-G09
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E51-2192-RPR04			
E21-2199-G08			

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N30-2186-G12	N30-3259-G44	P44-3189-G09
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N30-2186-G23	N30-3259-G50	P44-3346-G03
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N30-3259-G34		
N30-3259-G35	N30-3618-G04	
N30-3259-G36		
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N30-3259-G38		
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N30-3259-G40	P42-3335-G15	
N30-3259-G41		
N30-3259-G42	P42-3340-G02	
N30-3259-G43	P42-3340-G11	
	P42-3343-G09	