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MURRAY R. EDELMAN

VICE PRESIDENT
NUCLEAR

July 25, 1985
PY-CEI/NRR-0303L

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
SER Outstanding Issue (7)
Control Room Design (SSER 4, 18.0)

Dear Mr. Youngblood:

Attached is the PNPP Control Room Design Review Human Engineering Deficiency (HED) completion status report requested by Dennis Serig of your staff following the DCRDR Audit. The five attachments to this letter categorize the completion schedule for the HED numbers which correspond to the items described in our Summary Report submitted by letter dated January 10, 1985 (PY-CEI/NRR-0167L). In summary:

1. 93 HED's have been completed in the field and are ready for inspection. (See Attachment 1)
2. 8 HED's require no further action. (See Attachment 2)
3. 34 HED's were closed out during the implementation audit. (See Attachment 3)
4. 197 HED's will be completed by fuel load. Of these, 5 will be completed by July 31, 1985, 101 by August 31, 1985 and 91 by fuel load. (See Attachment 4)

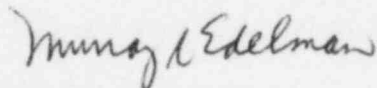
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5. The 19 remaining HED's will be completed prior to startup following the first refueling outage. Except for HED-105, these items were previously identified in the DCRDR Summary Report (Table 4-1). Completion schedule for HED-105 will be fuel load for temporary color banding and prior to startup following the first refueling outage for permanent color banding. (See Attachment 5)

Please feel free to contact me if you have any questions concerning this matter.

Very truly yours,



Murray R. Edelman
Vice President
Nuclear Group

MRE:njc

Attachments

cc: Jay Silberg, Esq.
John Stefano (2)
J. Grobe

Human Engineering Deficiencies (HED) on Which Work Has
Been Completed

<u>HED No.</u>	<u>HED No.</u>
1	200
2	204
4	306
6	319
12	322
13	323
25	324
28	326
29	329
30	332
32	334
33	335
36	336
37	337
38	338
39	339
41	341
42	342
53	345
60	347
62	348
65	355
68	365
69	366
70	370
71	371
78	400
79	402
80	1001
82	1002
87	1003
90	1007
94	1010
101	1013
150	1018
152	1021
153	1025
169	1027
177	1029
178	1031
179	1032
180	1034
183	<u>1036</u>
184	TOTAL 93
185	
188	
189	
195	
197	
199	

Human Engineering Deficiencies (HED) Which Require No Further Action
(Field Changes).

	<u>HED No.</u>
	23
	26
	88
	108
	317
	352
	401
	<u>1019</u>
TOTAL	8

Human Engineering Deficiencies (HED) Which Have Been Closed
Out

	<u>HED No.</u>
	11
	17
	18
	19
	20
	21
	24
	27
	35
	39
	44
	45
	46
	47
	48
	58
	97
	99
	118
	121
	149
	186
	187
	190
	191
	192
	206
	207
	300
	315
	316
	367
	1008
	<u>1016</u>
TOTAL	34

Human Engineering Deficiencies (HED)

HED's To Be Completed By July 31, 1985

HED No.

8, 95, 318, 1009, 1026

TOTAL = 5

HED's To Be Completed By August 31, 1985

HED No.

5, 7, 9, 31, 34, 40, 50, 52, 54, 55, 56, 59, 61, 63, 73, 75,
77, 83, 89, 96, 104, 106, 109, 110, 111, 112, 113, 114, 115,
116, 117, 119, 120, 122, 123, 124, 125, 126, 127, 128, 129,
130, 131, 132, 133, 134, 135, 136, 137, 139, 140, 141, 142,
143, 144, 145, 146, 147, 148, 151, 154, 155, 156, 162, 164,
184, 201, 202, 203, 205, 210, 214, 216, 309, 310, 312, 313,
323, 325, 327, 331, 333, 343, 349, 353, 354, 356, 362, 404,
1004, 1011, 1012, 1015, 1017, 1020, 1023, 1024, 1028, 1030,
1033, 1037

TOTAL = 101

HED's To Be Completed By Fuel Load

HED No.

3, 10, 14, 15, 16, 22, 43, 49, 51, 57, 64, 66, 67, 76, 84,
85, 86, 91, 92, 93, 98, 100, 102, 103, 105, 138, 157, 158,
159, 160, 161, 163, 165, 166, 167, 168, 170, 171, 172, 173,
174, 175, 176, 178, 180, 181, 182, 193, 194, 196, 198, 208,
209, 211, 212, 213, 215, 301, 302, 303, 304, 305, 307, 308,
311, 314, 320, 328, 330, 340, 344, 346, 350, 351, 357, 358,
359, 360, 361, 363, 368, 369, 403, 405, 406, 407, 1005, 1006,
1014, 1022

TOTAL = 91

Human Engineering Deficiencies (HED) To Be Completed Prior To
Startup From First Refueling Outage

	<u>HED. No</u>
	72
	74
	*77
	*80
	*81
	*84
	*100
	*102
	*105
	107
	*313
	*314
	*328
	*360
	*363
	*364
	*369
	*370
	408
TOTAL	19

* HED's that also have temporary fixes before fuel load.