

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

ENGINEERING AND RESEARCH DEPARTMENT

July 13, 1983

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Docket Nos. 50-352
50-353

Subject: Limerick Generating Station, Units 1 & 2
Request for Additional Information From
NRC Mechanical Equipment Branch (MEB)

Reference: (1) Telecon, J. T. Robb (PECo) and R. E. Martin
(NRC/PM) and R. Lee (NRC/MEB), July 1, 1983
(2) Letter, E. J. Bradley to A. Schwencer, dated
June 29, 1983

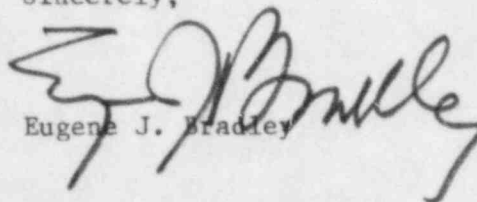
File: GOVT 1-1 (NRC)

Dear Mr. Schwencer:

Enclosed is a draft revision of RAI No. 210.82 and related FSAR pages containing information requested by MEB in the reference (1) telecon; these changes supersede those transmitted by the reference (2) letter.

The information contained in these draft FSAR page changes will be incorporated into the FSAR, exactly as it appears in the enclosure, in the revision scheduled for August, 1983.

Sincerely,


Eugene J. Bradley

HDH/cw/1-1

Enclosures

Copy to: See Attached Service List

8307190118 830713
PDR ADOCK 05000352
A PDR

B001

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Charles W. Elliott, Esq.	(w/o enclosure)
Jacqueline I. Ruttenberg	(w/o enclosure)
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Mr. Thomas Gerusky	(w/o enclosure)
Director, Pennsylvania Emergency Management Agency	(w/o enclosure)
Mr. Steven P. Hershey	(w/o enclosure)
Donald S. Bronstein, Esq.	(w/o enclosure)
Mr. Joseph H. White, III	(w/o enclosure)
David Wersan, Esq.	(w/o enclosure)
Robert J. Sugarman, Esq.	(w/o enclosure)
Martha W. Bush, Esq.	(w/o enclosure)
Spence W. Perry, Esq.	(w/o enclosure)
Atomic Safety and Licensing Appeal Board	(w/o enclosure)
Atomic Safety and Licensing Board Panel	(w/o enclosure)
Docket and Service Section	(w/o enclosure)

QUESTION 210.82 (Section 3.9.3.4.6, Page 3.9-80)

Have BOP supports been designed to Subsection NF?

RESPONSE

fabrication, examination and inspection.
The BOP supports are not designed to Subsection NF. For the pipe support design, ANSI B31.7 is used for nuclear Class 1, 2 and 3 piping and ANSI B31.1 is used for non-nuclear piping.

both BOP and NSSS
The stress allowable values used in the design of pipe supports are within the limits provided in ASME Section III, Subsection NF. *Figure 3.9-9 shows the jurisdictional boundary between pipe supports and supporting structure.*

ELEVATION
(HANGER)

BOUNDARY	FORCE FY
A	**

ELEVATION
(SNUBBER)

BOUNDARY	FORCE FX
A	* *


ELEVATION (TWO-WAY RESTRAINTS)	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

BOUNDARY	FORCES	
	FX	FY
A	**	
B		**

ELEVATION
(ANCHOR)

BOUNDARY	FORCE			MOMENT		
	FX	FY	FZ	MX	MY	MZ
A	**	**	**	**	**	**

- * INDICATES DIMENSIONAL LOCATION OF B31.1/B31.7 ELEMENTS
 ** INDICATES LOADS IMPOSED ON THE B31.1/B31.7 BOUNDARY
 *** INDICATES B31.1/B31.7 BOUNDARIES (INCLUDING WELD, IF ANY)
 B31.1 CODE FOR NON-NUCLEAR PIPING SYSTEMS.
 SNUBBERS AND COMPENSATING STRUTS ARE CONSTRUCTED TO
 THE REQUIREMENTS OF ASME SECTION III, SUBSECTION NF.



INSERT
(A)

LIMERICK GENERATING STATION
UNITS 1 AND 2
FINAL SAFETY ANALYSIS REPORT

JURISDICTIONAL BOUNDARY
BETWEEN PIPE SUPPORTS AND
SUPPORTING STRUCTURE FOR
SUPPORTS NOT FURNISHED
WITH NSSS 2

FIGURE 3.9.9

REV. 20, 08/83

INSERT (A), FIGURE 39-9

- NOTES: (1) EXAMINATION OF FULL PENETRATION WELDS ON ALL PRIMARY MEMBERS (WHETHER B31.1, B31.7, OR AISC) OF NUCLEAR CLASS (1) PIPE SUPPORTS SHALL BE EXAMINED ONCE BY MT OR PT AND VISUALLY EXAMINED THEREAFTER AS PART OF THE ISI PROGRAM, IN ACCORDANCE WITH SECTION XI OF THE ASME CODE.
- (2) FOR NUCLEAR CLASS (1) PIPE SUPPORTS, ALL WELDS OTHER THAN FULL PENETRATION WELDS, INCLUDING THOSE WITHIN AISC JURISDICTIONAL BOUNDARIES, SHALL BE VISUALLY EXAMINED AS PART OF THE ISI PROGRAM, IN ACCORDANCE WITH SECTION XI OF THE ASME CODE
- (3) FOR NUCLEAR CLASS (2) AND (3) PIPE SUPPORTS, ALL WELDS INCLUDING THOSE WITHIN AISC JURISDICTIONAL BOUNDARIES, SHALL BE VISUALLY EXAMINED AS PART OF THE ISI PROGRAM, IN ACCORDANCE WITH SECTION XI OF THE ASME CODE.