

PHILADELPHIA ELECTRIC COMPANY

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SEP 26 1984

JOHN S. KEMPER  
VICE-PRESIDENT  
ENGINEERING AND RESEARCH

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 and 2  
Information for Containment Systems Branch (CSB)  
Regarding Primary Containment Isolation Valves

Reference: Telecon between F. Eltawila (NRC/CSB) and  
J. H. Arhar (PECO) on 9/18/84.

File: GOVT 1-1 (NRC)

Dear Mr. Schwencer:

Attached are draft changes to FSAR Table 6.2-17 regarding primary containment isolation valve closure times. These changes were discussed in the reference telecon.

The information contained on these draft FSAR changes will be incorporated into the FSAR, exactly as it appears on the attachments, in the revision scheduled for October, 1984.

Sincerely

*John S. Kemper*

JHA/gra/09188408

cc: See Attached Service List

8410020336 840926  
PDR ADOCK 05000352  
A PDR

Brook  
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cc: Judge Lawrence Brenner (w/o enclosure)  
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Mr. James Wiggins (w/o enclosure)  
Mr. Timothy R. S. Campbell (w/o enclosure)

FS-749

— NO CHANGES —  
INFORMATION ONLY

TABLE 6.2-17  
(PG 14 OF 20)

CONTAINMENT PENETRATION NUMBER	LINE ISOLATED	FLUID	LINE SIZE(in.)	NRC GENERAL DESIGN CRITERION	ESF SYSTEM	ESSENTIAL SYSTEM	VALVE NUMBER	VA TYF
X-220A	H <sub>2</sub> /O <sub>2</sub> sample return; wetwell purge makeup	Air	2	56	Yes	Yes	190	
					Yes	Yes	191	
					Yes	Yes	116	
					Yes	Yes	150	
					Yes	Yes	159	
X-220B	Instrumen- tation - suppression pool pressure	Air	2	56	-	-	101	
X-221A	Wetwell H <sub>2</sub> /O <sub>2</sub> sample	Air	1	56	Yes	Yes	181	
					Yes	Yes	141	
					Yes	Yes	184	
X-221B	Wetwell H <sub>2</sub> /O <sub>2</sub> sample	Air	1	56	Yes	Yes	183	
					Yes	Yes	186	
X-225	RHR vacuum relief	Air	6	56	Yes	No	130	
					No	No	131	
X-226A,B	RHR min flow	Water	4	56	Yes	Yes	105A,B	
X-227	ILRT data acquisition	Air	3/4	56	No	No	1073	
					No	No	1074	
X-228D	HPCI vacuum relief	Air	4	56	Yes	Yes	F095	
					Yes	Yes	F093	
X-230B	Instrumen- tation - drywell sumps	Water	1-1/2	56	-	-	102	
					-	-	112	
					-	-	132	
X-231A,B	Drywell sump drains	Water	4	56	No	No	110	
					No	No	130	
					No	No	111	
					No	No	131	

— NO CHANGES —  
FOR INFORMATION ONLY

TABLE 6.2-17 (Cont'd)  
(PG 14 OF 20)

VALVE LOCATION	VALVE ARRANGEMENT(2)	TYPE C TEST	LENGTH OF PIPE FROM CONT. TO OUTSIDE VALVES	PRIMARY METHOD OF ACTUATION(3)	SECONDARY METHOD OF ACTUATION	NORMAL VALVE POSITION(4)	SHUTDOWN VALVE POSITION
Outside	(12)	Yes	10'-5"	AC coil	-	0	0
Outside			8'-5"	AC coil	-	0	0
Outside			14'-8"	AC motor	Manual	C	C
Outside			Later	AC coil	-	0	0
Outside			Later	AC coil	-	0	0
Outside	(39)	No	0"	AC coil	-	0	0
Outside	(29)	Yes	2'-2"	AC coil	-	0	0
Outside			3'-11"	AC coil	-	0	0
Outside			3'-11"	AC coil	-	0	0
Outside	(23)	Yes	2'-5"	AC coil	-	0	0
Outside			3'-5"	AC coil	-	0	0
Outside	(30)	Yes	0"	AC motor	Manual	0	0
Outside			15'-8"	AC motor	Manual	0	0
Outside	(35)	Yes	0"	AC motor	Manual	0	0
Outside	(31)	Yes	18"	Manual	-	C	C
Outside			2'-9"	Manual	-	C	C
Outside	(17)	Yes	0"	AC motor	Manual	0	0
Outside			12'-6"	AC motor	Manual	0	0
Outside	(32)	No	3'-0"	AC motor	Manual	0	0
Outside			4"	AC motor	Manual	0	0
Outside			4"	AC motor	Manual	0	0
Outside	(28)	Yes	0"	Comp air	Spring	C	C
Outside			0"	Comp air	Spring	C	C
Outside			3'-5"	Comp air	Spring	C	C
Outside			3'-5"	Comp air	Spring	C	C

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TABLE 6.2-17  
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SHUTDOWN VALVE POSITION	POST-ACCIDENT POSITION	POWER FAILURE VALVE POSITION	ISOLATION SIGNAL (5)	DIVERSE ISOLATION SIGNAL (12)	VALVE CLOSURE TIME (6)	POWER SOURCE (7)	REMARKS
0	0	C	B,H,R	NA	2 sec	C	
0	0	C	B,H,R	NA	2 sec	A	
C	C	AS IS	B,H,R,	NA	30** sec	D	
0	0	C	B,H,R	NA	2 sec	B	
0	0	C	B,H,R	NA	2 sec	D	
0	0	C	RM	-	2 sec	A	
0	0	C	B,H,R	NA	2 sec	B	
0	0	C	B,H,R	NA	2 sec	D	
0	0	C	B,H,R	NA	2 sec	C	
0	0	C	B,H,R	NA	2 sec	A	
0	0	C	B,H,R	NA	2 sec	C	
0	C	AS IS	B,H	Yes	Standard	A	
0	C	AS IS	B,H	Yes	Standard	B	
0	0	AS IS	RM	NA	Standard	C,D	
C	C	-	-	-	-	-	
C	C	-	-	-	-	-	
0	C	AS IS	H,LA	NA	Standard	D	
0	C	AS IS	H,LA	NA	Standard	B	
0	0	AS IS	RM	-	30 sec	A	
0	0	AS IS	RM	-	30 sec	A	
0	0	AS IS	RM	-	30 sec	A	
C	C	C	B,H	Yes	<del>20</del> 18 sec	A	
C	C	C	B,H	Yes	<del>20</del> 10 sec	A	
C	C	C	B,H	Yes	20 sec	B	
C	C	C	B,H	Yes	20 sec	B	

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