



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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ERRATA SHEET

FOR

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PNL-3662

AN ANALYSIS OF EVACUATION TIME ESTIMATES
AROUND 52 NUCLEAR POWER PLANT SITES

Summary Tables and Maps

Performed by

Pacific Northwest Laboratory

for the

U.S. NUCLEAR REGULATORY COMMISSION

Please make the following corrections, as indicated, to report pages 24, 32, 36, 48, and 92; and replace pages 2, 20, 30, 70, and 96 with the attached revised tables.

Page 24 - Correct column 1 SECTORS, row 4. Delete I, VI, replace with I, VII.

Page 32 - Correct column 1 SECTORS, last entry. Delete II, VI, VIII, replace with II, IV, VIII.

Page 36 - Correct column 7, GEN. POP., Evac. time, Adverse cond., row 7. Delete 10.0, replace with 9.9.

Page 48 - Correct column 8, SPEC. POP., Evac. time, Normal cond., row 8. Delete 7.2, replace with 1.2.

Page 92 - Correct column 8, SPEC. POP., Evac. time, Normal cond., row 7. Delete 3.4, replace with 3.7.

Pages 2, 20, 30, 70, and 96: Replace with revised attached pages.

DIVISION OF TECHNICAL INFORMATION
AND
DOCUMENT CONTROL

ARKANSAS

EVACUATION TIME ESTIMATES

SECTORS	PERMANENT POPULATION	TRANSIENT POPULATION	PERMANENT POP. RESPONSE NORMAL CONDITIONS (Hrs)	PERMANENT POP. RESPONSE ADVERSE CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME NORMAL CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME ADVERSE CONDITIONS (Hrs)
WITHIN 2 MILES						
N	624			1.0		1.5
S	31			1.0		1.5
WITHIN 5 MILES						
NE	1288			1.0		2.0
SE	5623			2.0		3.0
SW	421			1.0		3.0
NW	1023			1.0		2.0
WITHIN 10 MILES						
NE	3956			1.0		3.0
SE	19858			1.0		3.0
SW	1365			1.0		3.0
NW	2163			1.0		3.0

FOOTNOTES: _____

CONFIDENCE OF ESTIMATES: POOR

DAVIS-BESSE

EVACUATION TIME ESTIMATES

SECTORS	PERMANENT POPULATION	TRANSIENT POPULATION	PERMANENT POP. RESPONSE NORMAL CONDITIONS (Hrs)	PERMANENT POP. RESPONSE ADVERSE CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME NORMAL CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME ADVERSE CONDITIONS (Hrs)
WITHIN 2 MILES						
180°	800		0.7	1.3		
WITHIN 5 MILES						
LEFT	1600		1.2	2.3		
RIGHT	1800		1.3	2.5		
WITHIN 10 MILES						
LEFT	6600		2.0	4.0		
RIGHT	11800		3.5	7.0		

FOOTNOTES: _____

CONFIDENCE OF ESTIMATES: POOR

FT. CALHOUN

EVACUATION TIME ESTIMATES

SECTORS	PERMANENT POPULATION	TRANSIENT POPULATION	PERMANENT POP. RESPONSE NORMAL CONDITIONS (Hrs)	PERMANENT POP. RESPONSE ADVERSE CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME NORMAL CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME ADVERSE CONDITIONS (Hrs)
WITHIN 2 MILES						
G-R	187		0.2		3.4	
IOWA						
WITHIN 5 MILES						
N-R	7382		0.7		4.0	
G-M	892		0.3		3.6	
IOWA						
WITHIN 10 MILES						
N-R	8317		0.9		4.2	
G-M	2374		0.7		3.9	
IOWA			0.3	0.7	2.1	2.4

FOOTNOTES: _____

CONFIDENCE OF ESTIMATES: POOR

POINT BEACH EVACUATION TIME ESTIMATES

SECTORS	PERMANENT POPULATION	TRANSIENT POPULATION	PERMANENT POP. RESPONSE NORMAL CONDITIONS (Hrs)	PERMANENT POP. RESPONSE ADVERSE CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME NORMAL CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME ADVERSE CONDITIONS (Hrs)
WITHIN 2 MILES						
LPZ*	265		0.9	1.8	0.9	2.0
WITHIN 5 MILES						
NW-N	338		0.8	1.8	0.9	2.0
SW-WNW	519		1.1	2.3	1.3	2.5
SSE-SSW	388		0.5	1.8	0.9	2.0
WITHIN 10 MILES						
NW-N	1613		1.1	3.0	1.7	3.3
SW-WNW	4339		2.8	5.5	3.5	6.5
SSE-SSW	15738	1200	3.5	7.5	4.0	8.0

FOOTNOTES: _____

*The low population zone (LPZ) area approximates one 180° sector with a two mile radius as specified in the reporting format provided by the licensee. A second 180° sector consists of the remainder of the two mile radius area over Lake Michigan.

CONFIDENCE OF ESTIMATES: ADEQUATE

VERMONT YANKEE

EVACUATION TIME ESTIMATES

SECTORS	PERMANENT POPULATION	TRANSIENT POPULATION	PERMANENT POP. RESPONSE NORMAL CONDITIONS (Hrs)	PERMANENT POP. RESPONSE ADVERSE CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME NORMAL CONDITIONS (Hrs)	GENERAL POP. EVAC. TIME ADVERSE CONDITIONS (Hrs)	SPECIAL POP. EVAC. TIME NORMAL CONDITIONS (Hrs)	SPECIAL POP. EVAC. TIME ADVERSE CONDITIONS (Hrs)
WITHIN 2 MILES								
P-E	2060						1.2	1.3
F-N							1.2	1.3
WITHIN 5 MILES								
C-F	2240						1.3	1.5
G-K	850						1.2	1.4
L-P	500		0.3	0.6	0.9	1.4		
Q-B	3400						1.2	1.4
WITHIN 10 MILES								
C-F	3100		0.5	1.1	1.1	1.8		
G-K	6800						1.9	2.7
L-P	1150		0.4	0.9	1.0	1.6		
Q-B	14450						3.0	3.0

FOOTNOTES: EVACUATION TIMES ONLY REPORTED FOR CONTROLLING CONDITION, EITHER GENERAL POPULATION EVACUATION OR SPECIAL FACILITIES EVACUATION.

CONFIDENCE OF ESTIMATES: ADEQUATE