



**Consumers  
Power  
Company**

**NUCLEAR OPERATIONS DEPARTMENT**  
Notice of Transmittal and Acknowledgement

To USNRC - Document Control Desk From CMKrugh, Palisades  
The Document(s) Listed Below Is Attached. Please Sign the Acknowledgement and Return This Entire Form to the Sender To Signify Your  
Receipt and Disposition by Return Date 9/20/91

**List of Effective Pages for Annual Page Verification of the Palisades FSAR.**

CONTROLLED COPY No: 1-10

Check each page to ensure that your manual is correct. If you find discrepancies compile a list, attach it to this document (Document Transmittal and Acknowledgement Form) and return, new pages will be furnished to you.

**Disposition Instructions**

Please sign and return to:

Consumers Power Company

Attn: CMKrugh

## Palisades Nuclear Plant

**27780 Blue Star Memorial Highway**

Covert, MI 49043

**Signed**

Date

## ACKNOWLEDGEMENT

To CMKrugh, Palisades Plant From

This Acknowledges Receipt of the Document(s) Listed Above and Disposition in Accordance With the Instructions.

A05<sup>B</sup>  
0 | 11

9109130101 910830  
PDR ADOCK 05000255  
K PDR

Signed

Date

PALISADES PLANT  
FINAL SAFETY ANALYSIS REPORT (FSAR) UPDATE  
LIST OF EFFECTIVE PAGES

Superseded Pages Per  
FSAR dtd. 8/30/91

9/09/30/01

50-255

Chapter 1

Revision  
Number

Page Number

Table of Contents

i	12
ii	12
iii	12
iv	12

Sections

1.1-1	12
1.1-2	12
1.2-1	12
1.2-2	12
1.2-3	12
1.2-4	12
1.2-5	12
1.2-6	12
1.2-7	12
1.2-8	12
1.2-9	12
1.3-1	0
1.4-1	11
1.4-2	0
1.4-3	0
1.4-4	10
1.4-5	0
1.5-1	12
1.5-2	12
1.5-3	12
1.6-1	0
1.7-1	0
1.7-2	0
1.8-1	12
1.8-2	12
1.8-3	12
1.8-4	12

Tables

1-1 Sh 1	12
1-1 Sh 2	12
1-2 Sh 1	11
1-2 Sh 2	12
1-2 Sh 3	12
1-2 Sh 4	0
1-2 Sh 5	0
1-2 Sh 6	12
1-2 Sh 7	11
1-2 Sh 8	12
1-2 Sh 9	0
1-2 Sh 10	0
1-2 Sh 11	0

Chapter 1

<u>Page Number</u>	<u>Revision Number</u>
1-3 Sh 1	0
1-3 Sh 2	3
1-3 Sh 3	3
1-3 Sh 4	3
1-3 Sh 5	3
1-3 Sh 6	8
1-3 Sh 7	1
1-3 Sh 8	1
1-3 Sh 9	3
1-3 Sh 10	0
1-3 Sh 11	0
1-4 Sh 1	3
1-4 Sh 2	3
1-4 Sh 3	10
1-4 Sh 4	11
1-4 Sh 5	3
1-4 Sh 6	11
1-4 Sh 7	3
1-4 Sh 8	3
1-5	12

Figures

1-1 Sh 1	3
1-1 Sh 2	3
1-2	0
1-3	12
1-4	12
1-5	12
1-6	9
1-7	11
1-8	9
1-9	0
1-10	11
1-11	0
1-12 Sh 1	9
1-12 Sh 2	11
1-13	2
1-14	9
1-15	0
1-16	1
1-17 (DELETED)	12
1-18	0
1-19 (DELETED)	12
1-20 Sh 1	9
1-20 Sh 2	0
1-21	9
1-22	2
1-23	9
1-24 (DELETED)	12
1-25	12
1-26	12
1-27	12
1-28	0
1-29	0

Chapter 2

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
<u>Sections</u>	
2.1-1	0
2.1-2	0
2.1-3	0
2.1-4	0
2.1-5	0
2.1-6	0
2.2-1	0
2.2-2	0
2.2-3	0
2.2-4	0
2.2-5	0
2.3-1	0
2.3-2	0
2.3-3	0
2.3-4	0
2.3-5	0
2.4-1	0
2.4-2	0
2.4-3	0
2.5-1	12
2.5-2	12
2.5-3	12
2.5-4	12
2.5-5	12
2.5-6	12
2.5-7	12
2.5-8	12
2.5-9	12
2.6-1	0
2.6-2	10
2.6-3	0
2.6-4	0
2.6-5	0
<u>References</u>	
2-1	12
2-2	12
<u>Tables</u>	
2-1	0
2-2 Sh 1	0
2-2 Sh 2	0
2-2 Sh 3	0
2-3	0
2-4	0
2-5	0
2-6	0
2-7	0
2-8	0
2-9	0
2-10	0
2-11	0
2-12	0
2-13	0

Chapter 2

<u>Page Number</u>	<u>Revision Number</u>
2-14	0
2-15	0
2-16	0
2-17	0
2-18	0
2-19 Sh 1	0
2-19 Sh 2	0
2-20	10
2-21	10
2-22 Sh 1	10
2-22 Sh 2	10
2-22 Sh 3	10
2-22 Sh 4	10

Figures

2-1	0
2-2	12
2-3	0
2-4	0
2-5	0
2-6	0
2-7	0
2-8	0
2-9	0
2-10	0
2-11	0
2-12	0
2-13	0
2-14	0
2-15	0
2-16	0
2-17	0
2-18	0
2-19	0
2-20	12
2-21	12
2-22	12
2-23	12
2-24	12
2-25	12
2-26	12
2-27	12
2-28	12
2-29	12

Appendix

2A (DELETED)	12
--------------	----

Chapter 3

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Table of Contents

i	12
ii	12
iii	12

Sections

3.1-1	8
3.2-1	12
3.2-2	12
3.2-3	12
3.2-4	12
3.2-5	12
3.2-6	12
3.3-1	12
3.3-2	12
3.3-3	12
3.3-4	12
3.3-5	12
3.3-6	12
3.3-7	12
3.3-8	12
3.3-9	12
3.3-10	12
3.3-11	12
3.3-12	12
3.3-13	12
3.3-14	12
3.3-15	12
3.3-16	12
3.3-17	12
3.3-18	12
3.3-19	12
3.3-20	12
3.3-21	12
3.3-22	12
3.3-23	12
3.3-24	12
3.3-25	12
3.3-26	12
3.3-27	12
3.3-28	12
3.3-29	12
3.3-30	12

References

3-1	8
3-2	8
3-3	12

Tables

3-1	0
3-2 (DELETED)	8
3-3 (DELETED)	8
3-4 (DELETED)	8
3-5	0
3-6	0
3-7	0
3-8	0
3-9 (DELETED)	8
3-10 (DELETED)	8
3-11 Sh 1	12
3-11 Sh 2	12
3-11 Sh 3	12

Chapter 3

<u>Page Number</u>	<u>Revision Number</u>
<u>Figures</u>	
3-1	0
3-2	0
3-3	0
3-4 (DELETED)	12
3-5 (DELETED)	12
3-6 (DELETED)	12
3-7	0
3-8	0
3-9 (DELETED)	12
3-10 (DELETED)	12
3-11 (DELETED)	12
3-12	0
3-13	0
3-14	0
3-15	0
3-16	0
3-17	0
3-18	0
3-19	0
3-20	0
3-21	0
3-22	12
3-23	12
3-24	12
3-25	0
3-26	0

Chapter 4

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Table of Contents

i	12
ii	12
iii	12
iv	12

Sections

4.1-1	0
4.2-1	12
4.2-2	12
4.2-3	12
4.2.4	12
4.3-1	12
4.3-2	12
4.3-3	12
4.3-4	12
4.3-5	12
4.3-6	12
4.3-7	12
4.3-8	12
4.3-9	12
4.3-10	12
4.3-11	12
4.3-12	12
4.3-13	12
4.3-14	12
4.3-15	12
4.3-16	12
4.3-17	12
4.3-18	12
4.4-1	10
4.4-2	0
4.4-3	11

4.5-1	12
4.5-2	12
4.5-3	12
4.5-4	12
4.5-5	12
4.5-6	12
4.5-7	12
4.5-8	12
4.5-9	12
4.5-10	12
4.5-11	12
4.5-12	12

4.6-1	3
-------	---

4.7-1	12
4.7-2	0

4.8-1	0
4.8-2	0

References

4-1	12
4-2	12
4-3	12

Chapter 4

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Tables

4-1	12
4-2	0
4-3	0
4-4 Sh 1	12
4-4 Sh 2	12
4-5	7
4-6 Sh 1	0
4-6 Sh 2	0
4-7	0
4-8	0
4-9 Sh 1	12
4-9 Sh 2	12
4-10	0
4-11	0
4-12	0
4-13	0
4-14	11
4-15	0
4-16	12
4-17	1
4-18	11
4-19	0
4-20	0
4-21 Sh 1	0
4-21 Sh 2	12
4-21 Sh 3	0
4-22	0

Figures

4-1 Sh 1	11
4-1 Sh 2	11
4-1 Sh 3 (DELETED)	8
4-2	0
4-3	12
4-4	0
4-5	0
4-6	0
4-7	0
4-8	0
4-9	7
4-10	12
4-11	0
4-12	0
4-13	0
4-14	0
4-15	11
4-16 Sh 1 (DELETED)	3
4-16 Sh 2 (DELETED)	3
4-16 Sh 3 (DELETED)	3
4-17	11

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
v	12
vi	12
vii	12
viii	12
ix	12
x	12
xi	12
xii	12
xiii	12
<u>Sections</u>	
5.1-1	12
5.1-2	12
5.1-3	12
5.1-4	12
5.1-5	12
5.1-6	12
5.1-7	12
5.1-8	12
5.1-9	12
5.1-10	12
5.1-11	12
5.1-12	12
5.1-13	12
5.1-14	12
5.1-15	12
5.1-16	12
5.1-17	12
5.1-18	12
5.1-19	12
5.1-20	12
5.1-21	12
5.1-22	12
5.1-23	12
5.1-24	12
5.1-25	12
5.1-26	12
5.1-27	12
5.1-28	12
5.1-29	12
5.1-30	12
5.1-31	12
5.1-32	12
5.1-33	12
5.1-34	12
5.1-35	12
5.1-36	12
5.2-1	12
5.2-2	12
5.2-3	12
5.2-4	12
5.2-5	12
<u>References</u>	
5.2-6	0
5.3-1	0
5.3-2	0
5.3-3	0
<u>References</u>	
5.3-3	0

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
5.4-1	0
5.4-2	2
<u>References</u>	
5.4-3	0
5.5-1	0
5.5-2	0
5.5-3	0
5.5-4	0
5.5-5	0
5.5-6	0
5.5-7	5
5.5-8	0
5.5-9	0
5.5-10	0
<u>References</u>	
5.5-11	5
5.6-1	12
5.6-2	12
5.6-3	12
5.6-4	12
5.6-5	12
5.6-6	12
5.6-7	12
5.6-8	12
5.6-9	12
5.6-10	12
5.6-11	12
5.6-12	12
5.6-13	12
5.6-14	12
5.6-15	12
<u>References</u>	
5.6-16	12
5.7-1	12
5.7-2	12
5.7-3	12
5.7-4	12
5.7-5	12
5.7-6	12
5.7-7	12
5.7-8	12
5.7-9	12
5.7-10	12
5.7-11	12
5.7-12	12
5.7-13	12
5.7-14	12
5.7-15	12
5.7-16	12
5.7-17	12
5.7-18	12
5.7-19	12
5.7-20	12
5.7-21	12
<u>Reference</u>	
5.7-22	12
5.8-1	12
5.8-2	12
5.8-3	12
5.8-4	12
5.8-5	12
5.8-6	12
5.8-7	12
5.8-8	12
5.8-9	12
5.8-10	12

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
5.8-11	12
5.8-12	12
5.8-13	12
5.8-14	12
5.8-15	12
5.8-16	12
5.8-17	12
5.8-18	12
5.8-19	12
5.8-20	12
5.8-21	12
5.8-22	12
5.8-23	12
5.8-24	12
5.8-25	12
5.8-26	12
5.8-27	12
5.8-28	12
5.8-29	12
5.8-30	12
5.8-31	12
5.8-32	12
5.8-33	12
5.8-34	12
5.8-35	12
5.8-36	12
5.8-37	12
5.8-38	12
5.8-39	12
5.8-40	12
5.8-41	12
5.8-42	12
5.8-43	12
5.8-44	12
5.8-45	12
5.8-46	12
5.8-47	12
5.8-48	12
5.8-49	12
5.8-50	12
5.8-51	12
5.8-52	12
5.8-53	12
5.8-54	12
5.8-55	12
5.8-56	12
5.8-57	12
5.8-58	12
5.8-59	12
5.8-60	12
5.8-61	12
5.8-62	12
5.8-63	12
5.8-64	12
5.8-65	12
5.8-66	12
5.8-67	12
5.8-68	12
5.8-69	12
5.8-70	12
5.8-71	12
5.8-72	12
5.8-73	12
5.8-74	12

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
5.8-75	12
5.8-76	12
5.8-77	12
5.8-78	12
5.8-79	12
5.8-80	12
5.8-81	12
<u>References</u>	
5.8-82	12
5.8-83	12
5.9-1	0
5.9-2	0
5.9-3	0
5.9-4	0
5.9-5	0
5.9-6	0
5.9-7	0
5.9-8	0
5.9-9	0
5.9-10	0
5.9-11	0
5.9-12	0
5.9-13	0
5.9-14	0
5.9-15	0
<u>References</u>	
5.9-16	0
5.10-1	12
5.10-2	12
5.10-3	12
5.10-4	12
5.10-5	12
5.10-6	12
5.10-7	12
5.10-8	12
5.10-9	12
5.10-10	12
5.10-11	12
5.10-12	12
5.10-13	12
5.10-14	12
<u>References</u>	
5.10-15	12
5.10-16	12

Tables

5.2-1	0
5.2-2 Sh 1	12
5.2-2 Sh 2	12
5.2-2 Sh 3	12
5.2-2 Sh 4	12
5.2-3 Sh 1	0
5.2-3 Sh 2	0
5.2-3 Sh 3	0
5.2-3 Sh 4	0
5.2-3 Sh 5	0
5.2-3 Sh 6	0
5.2-3 Sh 7	0
5.2-3 Sh 8	12
5.2-3 Sh 9	12
5.2-3 Sh 10	12
5.2-3 Sh 11	12
5.2-3 Sh 12	12
5.2-3 Sh 13	12

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
5.2-4 Sh 1	9
5.2-4 Sh 2	11
5.2-4 Sh 3	12
5.2-4 Sh 4	12
5.2-5 Sh 1	0
5.2-5 Sh 2	11
5.2-5 Sh 3	7
5.2-5 Sh 4	12
5.2-5 Sh 5	12
5.2-5 Sh 6	12
5.3-1	0
5.4-1	0
5.5-1	0
5.5-2	0
5.5-3	0
5.5-4	0
5.5-5	0
5.5-6	0
5.5-7	0
5.5-8	0
5.5-9	0
5.6-1 Sh 1	0
5.6-1 Sh 2	0
5.6-2 Sh 1	0
5.6-2 Sh 2	0
5.6-2 Sh 3	0
5.6-3	0
5.6-4	12
5.7-1	0
5.7-2	3
5.7-3	0
5.7-4	0
5.7-5	0
5.7-6 Sh 1	0
5.7-6 Sh 2	0
5.7-7 Sh 1	0
5.7-7 Sh 2	0
5.7-8 Sh 1	0
5.7-8 Sh 2	1
5.7-9	0
5.7-10 Sh 1	4
5.7-10 Sh 2	7
5.7-11	4
5.8-1 Sh 1	0
5.8-1 Sh 2	0
5.8-1 Sh 3	0
5.8-1 Sh 4	0
5.8-1 Sh 5	0
5.8-1 Sh 6	0
5.8-2 Sh 1	0
5.8-2 Sh 2	0
5.8-3	0
5.9-1	0
5.10-1	0
5.10-2 Sh 1	0
5.10-2 Sh 2	0

Figures

5.5-1	0
5.5-2	0
5.7-1	0
5.7-2	0
5.7-3	0
5.7-4	0
5.7-5	0
5.7-6	0
5.7-7	0
5.7-8	0
5.7-9	0

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
5.7-10	0
5.7-11	0
5.7-12	0
5.7-13	0
5.7-14	0
5.7-15	0
5.7-16	0
5.7-17	0
5.7-18	0
5.7-19	0
5.7-20	0
5.7-21	0
5.7-22	0
5.7-23	0
5.7-24	0
5.7-25	0
5.7-26 Sh 1	0
5.7-26 Sh 2	0
5.7-27	0
5.7-28	3
5.7-29	3
5.7-30	3
5.7-31	3
5.7-32	3
5.7-33	3
5.7-34	3
5.7-35	3
5.7-36	3
5.7-37	3
5.7-38	3
5.7-39	3
5.8-1 Sh 1	0
5.8-1 Sh 2	0
5.8-2	0
5.8-3	0
5.8-4	0
5.8-5 Sh 1	0
5.8-5 Sh 2	0
5.8-5 Sh 3	0
5.8-5 Sh 4	0
5.8-6	0
5.8-7	0
5.8-8	0
5.8-9	0
5.8-10	0
5.8-11 Sh 1	0
5.8-11 Sh 2	0
5.8-11 Sh 3	0
5.8-11 Sh 4	0
5.8-12 Sh 1	0
5.8-12 Sh 2	0
5.8-12 Sh 3	0
5.8-12 Sh 4	0
5.8-13 Sh 1	0
5.8-13 Sh 2	0
5.8-13 Sh 3	0
5.8-13 Sh 4	0
5.8-14	0
5.8-15 Sh 1	0
5.8-15 Sh 2	0
5.8-16 Sh 1	0
5.8-16 Sh 2	0
5.8-17	0
5.8-18	0
5.8-19	0
5.8-20	0
5.8-21	0
5.8-22 Sh 1	0
5.8-22 Sh 2	0

Chapter 5

<u>Page Number</u>	<u>Revision Number</u>
5.8-23 Sh 1	0
5.8-23 Sh 2	0
5.8-23 Sh 3	0
5.8-24	0
5.8-25 Sh 1	0
5.8-25 Sh 2	0
5.8-26	0
5.8-27 Sh 1	0
5.8-27 Sh 2	0
5.8-28	0
5.9-1	0

Appendices

5A.1	Special Report No 6	
Pg 4-1		11
Pg 4-2		11
Pg 4-3		8
Pg 4-4		10
Pg 4-5		8
(Remainder of Document)		0
5A.2	SEP High Energy Line Breaks Inside Containment - July 1981	0
5A.3	SEP High Energy Line Breaks Inside Containment - November 1982	0

Chapter 6

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
<u>Sections</u>	
6.1-1	12
6.1-2	12
6.1-3	12
6.1-4	12
6.1-5	12
6.1-6	12
6.1-7	12
6.1-8	12
6.1-9	12
6.1-10	12
6.1-11	12
6.1-12	12
6.1-13	12
6.1-14	12
6.1-15	12
6.1-16	12
6.1-17	12
6.2-1	12
6.2-2	12
6.2-3	12
6.2-4	12
6.3-1	12
6.3-2	12
6.3-3	12
6.3-4	12
6.3-5	12
6.4-1	5
6.4-2	5
6.4-3	0
6.4-4	0
6.5-1	0
6.6-1	0
6.6-2	0
6.7-1	0
6.7-2	0
6.7-3	3
6.7-4	3
6.7-5	3
6.8-1	0
6.9-1	12
6.9-2	12
6.10-1	12
6.10-2	12
6.11-1 (DELETED)	12
<u>References</u>	
6-1	12

Chapter 6

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Tables

6-1	11
6-2	0
6-3	0
6-4 Sh 1	0
6-4 Sh 2	0
6-5	0
6-6 (DELETED)	11
6-7 Sh 1	0
6-7 Sh 2	0
6-7 Sh 3	10
6-8 Sh 1	12
6-8 Sh 2	0
6-9	4
6-10	4
6-11 Sh 1	0
6-11 Sh 2	12
6-12	0
6-13 Sh 1	7
6-13 Sh 2	7
6-13 Sh 3	7
6-14	7
6-15 Sh 1	0
6-15 Sh 2	0
6-16 (DELETED)	12
6-17 (DELETED)	12

Figures

6-1 Sh 1	11
6-1 Sh 2	11
6-2 Sh 1	11
6-2 Sh 1A	11
6-2 Sh 1B	11
6-3 (DELETED)	11
6-4	3
6-5	0
6-6 Sh 1	11
6-6 Sh 2	6
6-6 Sh 3	11
6-7	0
6-8	10

Chapter 7

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
v	12
vi	12
vii	12
<u>Sections</u>	
7.1-1	12
7.2-1	12
7.2-2	12
7.2-3	12
7.2-4	12
7.2-5	12
7.2-6	12
7.2-7	12
7.2-8	12
7.2-9	12
7.2-10	12
7.2-11	12
7.2-12	12
7.2-13	12
7.2-14	12
7.2-15	12
7.2-16	12
7.2-17	12
7.2-18	12
7.2-19	12
7.3-1	10
7.3-2	10
7.3-3	11
7.3-4	1
7.3-5	7
7.3-6	11
7.3-7	11
7.3-8	3
7.3-9	3
7.3-10	0
7.4-1	12
7.4-2	12
7.4-3	12
7.4-4	12
7.4-5	12
7.4-6	12
7.4-7	12
7.4-8	12
7.4-9	12
7.4-10	12
7.4-11	12
7.4-12	12
7.4-13	12
7.4-14	12
7.4-15	12
7.4-16	12
7.4-17	12
7.4-18	12
7.4-19	12
7.4-20	12
7.4-21	12
7.4-22	12
7.4-23	12
7.4-24	12
7.4-25	12

Chapter 7

<u>Page Number</u>	<u>Revision Number</u>
7.4-26	12
7.4-27	12
7.4-28	12
7.4-29	12
2.4-30	12
7.4-31	12
7.4-32	12
7.4-33	12
7.5-1	12
7.5-2	12
7.5-3	12
7.5-4	12
7.5-5	12
7.5-6	12
7.5-7	12
7.5-8	12
7.5-9	12
7.5-10	12
7.5-11	12
7.5-12	12
7.5-13	12
7.5-14	12
7.5-15	12
7.5-16	12
7.6-1	12
7.6-2	12
7.6-3	12
7.6-4	12
7.6-5	12
7.6-6	12
7.6-7	12
7.6-8	12
7.6-9	12
7.6-10	12
7.6-11	12
7.6-12	12
7.6-13	12
7.6-14	12
7.6-15	12
7.6-16	12
7.6-17	12
7.6-18	12
7.6-19	12
7.7-1	0
7.7-2	12
7.7-3	0
7.7-4	2
7.7-5	2
7.7-6	2
7.7-7	0
7.7-8	0
7.8-1	0
7.8-2	0
7.8-3	0
7.8-4	0
7.8-5	0
<u>References</u>	
7-1	10
7-2	12

Chapter 7

<u>Page Number</u>	<u>Revision Number</u>
<u>Tables</u>	
7-1	2
7-2 Sh 1	11
7-2 Sh 2	12
7-2 Sh 3	12
7-3	12
7-4	12
7-5 (DELETED)	8
7-6	0
<u>Figures</u>	
7-1	12
7-2	10
7-3	8
7-4	9
7-5	8
7-6	9
7-7	12
7-8	9
7-9	9
7-10	0
7-11	0
7-12	0
7-13	9
7-14 Sh 1	11
7-14 Sh 2	11
7-14 Sh 3	11
7-14 Sh 4	11
7-14 Sh 5	3
7-14 Sh 6	11
7-14 Sh 7	9
7-14 Sh 8	11
7-14 Sh 9	9
7-14 Sh 10	11
7-14 Sh 11	9
7-14 Sh 12	11
7-14 Sh 13	11
7-15	11
7-16	10
7-17	10
7-18	12
7-19	9
7-20	12
7-21	11
7-22	9
7-23	12
7-24	11
7-25 (DELETED)	1
7-26	12
7-27	2
7-28	9
7-29	11
7-29 Sh 1	12
7-29 Sh 2	12
7-30	12
7-31	10
7-32	10
7-33	0
7-34	0
7-35	0
7-36	0
7-37	11
7-38	12
7-39	12
7-40 Sh 1	12
7-40 Sh 2	12
7-41	0
7-42	11

Chapter 7

<u>Page Number</u>	<u>Revision Number</u>
7-43	9
7-44	9
7-45	10
7-46	3
7-47	9
7-48 (DELETED)	11
7-49	11
7-50	11
7-51	11
7-52	11
7-53	11
7-54	12
7-55	12
7-56	12
7-57	0
7-58	12
7-59	12
7-60	12
7-61	0
7-62	10
7-63 (DELETED)	8
7-64	0
7-65	12

Appendices

## 7A Engineered Safeguards Testing

Sh 1	12
Sh 2	12
Sh 3	12
Sh 4	12
Sh 5	12
Sh 6	12
Sh 7	12
Sh 8	12

## 7B Associated Circuits Analysis for Safe Shutdown

Sh 1	2
Sh 2	0
Sh 3	0
Sh 4	0
Sh 5	0
Sh 6	0
Sh 7	0

## 7C Reg Guide 1.97, Instrumentation

Pg 1	12
Pg 2	12
Pg 3	12
Pg 4	12
Pg 5	12
Pg 6	12
Pg 7	12
Pg 8	12
Pg 9	12
Pg 10	12
Pg 11	12
Pg 12	12
Pg 13	12
Pg 14	12
Pg 15	12
Pg 16	12
Pg 17	12
Pg 18	12
Pg 19	12
Pg 20	12
Pg 21	12
Pg 22	12
Pg 23	12

Chapter 7

<u>Page Number</u>	<u>Revision Number</u>
Pg 24	12
Pg 25	12
Pg 26	12
Pg 27	12
Pg 28	12
Pg 29	12
Pg 30	12
Pg 31	12
Pg 32	12
Pg 33	12

Chapter 8

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
v	12
<u>Sections</u>	
8.1-1	12
8.1-2	12
8.1-3	12
8.1-4	12
8.1-5	12
8.1-6	12
8.2-1	11
8.2-2	11
8.2-3	11
8.2-4	11
8.3-1	10
8.3-2	10
8.3-3	11
8.3-4	11
8.3-5	11
8.3-6	10
8.3-7	11
8.3-8	11
8.3-9	11
8.3-10	10
8.3-11	0
8.3-12	10
8.3-13	10
8.3-14	0
8.3-15	8
8.3-16	12
8.3-17	12
8.4-1	12
8.4-2	12
8.4-3	11
8.4-4	10
8.4-5	9
8.4-6	9
8.4-7	0
8.4-8	11
8.4-9	11
8.4-10	10
8.5-1	12
8.5-2	12
8.5-3	12
8.5-4	12
8.5-5	0
8.5-6	11
8.5-7	0
8.5-8	0
8.5-9	0
8.5-10	0
8.6-1	10
8.6-2	11
8.6-3	11
8.6-4	11
8.6-5	11

Chapter 8

<u>Page Number</u>	<u>Revision Number</u>
8.7-1	10
8.7-2	11
8.7-3	11
8.7-4	7
8.7-5	0
8.7-6	0
8.7-7	0
8.8-1	12
8.9-1	12
8.10-1	12
<u>References</u>	
8-1	12
<u>Tables</u>	
8-1	0
8-2	11
8-3	11
8-4 Sh 1	0
8-4 Sh 2	0
8-4 Sh 3	0
8-5	0
8-6	12
8-7	12
8-8	11
<u>Figures</u>	
8-1 Sh 1	12
8-1 Sh 2	12
8-1 Sh 3	10
8-2 Sh 1	12
8-3	12
8-4	12
8-5	11
8-6	11
8-7	12
8-8	12
8-9 Sh 1	12
8-9 Sh 2	6
8-9 Sh 3	10
8-10	11
8-11 Sh 1	10
8-11 Sh 2	3
8-12 Sh 1	10
8-12 Sh 2	12
8-13	0
8-14	12
8-15	6
8-16	11
8-17 (DELETED)	11
8-18	11
8-19	11
8-20	11
8-21	11
8-22	11
8-23	11
8-24	9
8-25	11
8-26	11
8-27	11
8-28	11

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
v	12
<u>Sections</u>	
9.1-1	12
9.1-2	12
9.1-3	10
9.1-4	0
9.1-5	0
9.2-1	0
9.2-2	3
9.2-3	0
9.3-1	12
9.3-2	12
9.3-3	12
9.3-4	12
9.3-5	12
9.3-6	12
9.4-1	12
9.4-2	12
9.4-3	12
9.4-4	12
9.5-1	12
9.5-2	12
9.5-3	12
9.5-4	12
9.5-5	12
9.5-6	12
9.6-1	12
9.6-2	12
9.6-3	12
9.6-4	12
9.6-5	12
9.6-6	12
9.7-1	12
9.7-2	12
9.7-3	12
9.7-4	12
9.7-5	12

Chapter 9

<u>Page Number</u>	<u>Revision Number</u>
9.8-1	11
9.8-2	8
9.8-3	8
9.8-4	0
9.8-5	0
9.8-6	0
9.8-7	0
9.8-8	8
9.8-9	11
9.8-10	11
9.8-11	11
9.8-12	11
9.8-13	0
9.8-14	0
9.8-15	0
9.8-16	1
9.8-17	10
9.8-18	10
9.8-19	10
9.8-20	10
9.8-21	0
9.8-22	0
9.9-1	5
9.9-2	0
9.10-1	0
9.10-2	0
9.10-3	0
9.10-4	3
9.10-5	3
9.10-6	5
9.10-7	0
9.10-8	0
9.10-9	3
9.10-10	10
9.10-11	0
9.10-12	0
9.11-1	12
9.11-2	12
9.11-3	12
9.11-4	12
9.11-5	12
9.11-6	12
9.11-7	12
9.11-8	12
9.11-9	12
9.11-10	12
9.11-11	12
9.11-12	12
9.11-13	12
9.11-14	12
9.11-15	12
9.11-16	12
9.11-17	12
9.11-18	12

References

9-1	11
-----	----

Tables

9-1	12
9-2 Sh 1	0
9-2 Sh 2	0
9-3	0

Chapter 9

<u>Page Number</u>	<u>Revision Number</u>
9-4 Sh 1	0
9-4 Sh 2	0
9-4 Sh 3	0
9-4 Sh 4	0
9-5	3
9-6 Sh 1	6
9-6 Sh 2	0
9-6 Sh 3	0
9-6 Sh 4	1
9-7	3
9-8 Sh 1	0
9-8 Sh 2	0
9-8 Sh 3	0
9-8 Sh 4	0
9-9 Sh 1	0
9-9 Sh 2	0
9-9 Sh 3	0
9-9 Sh 4	0
9-10 Sh 1	0
9-10 Sh 2	5
9-10 Sh 3	7
9-10 Sh 4	0
9-10 Sh 5	5
9-11 Sh 1	0
9-11 Sh 2	0
9-12 Sh 1	0
9-12 Sh 2	0
9-12 Sh 3	0
9-13 Sh 1	0
9-13 Sh 2	1
9-13 Sh 3	0
9-14 (DELETED)	2
9-15	0
9-16 Sh 1	0
9-16 Sh 2	0
9-16 Sh 3	0
9-17 Sh 1	10
9-17 Sh 2	10
9-17 Sh 3	10
9-17 Sh 4	10
9-17 Sh 5	10
9-17 Sh 6	10
9-18	0
9-19 Sh 1	8
9-19 Sh 2	5
9-20 Sh 1	12
9-20 Sh 2	12
9-20 Sh 3	12
9-20 Sh 4	12
9-20 Sh 5	12
9-20 Sh 6	12
9-20 Sh 7	12
9-20 Sh 8	12
9-20 Sh 9	12
9-20 Sh 10	12
9-20 Sh 11	12
9-20 Sh 12	12
9-20 Sh 13	12
9-21 Sh 1	12
9-21 Sh 2	12
9-22	0
9-23	6
9-24 Sh 1	0
9-24 Sh 2	0

Chapter 9

<u>Page Number</u>	<u>Revision Number</u>
<u>Figures</u>	
9-1 Sh 1	12
9-1 Sh 1A	11
9-1 Sh 1B	11
9-1 Sh 2	11
9-2	11
9-3	0
9-4	0
9-5	0
9-6	0
9-7 Sh 1	11
9-7 Sh 2	11
9-7 Sh 3	12
9-8	11
9-9 Sh 1	11
9-9 Sh 2	11
9-10 Sh 1	11
9-10 Sh 2	10
9-11	11
9-12 Sh 1	12
9-13	12
9-14	11
9-15	11
9-16 (DELETED)	2
9-17 Sh 1	11
9-17 Sh 2	11
9-17 Sh 3	6
9-17 Sh 4	11
9-17 Sh 5	11
9-17 Sh 6	11
9-17 Sh 6A	11
9-17 Sh 7	2
9-18	2
9-19	11
9-20 Sh 1	0
9-20 Sh 2	0
9-21 Sh 1	9
9-21 Sh 1A	6
9-21 Sh 1B	11
9-21 Sh 1C	11
9-21 Sh 1D	11
9-21 Sh 1E	11
9-21 Sh 1F	12
9-21 Sh 2	11
9-22 Sh 1	11
9-22 Sh 2	12
9-23	6
9-24	0
9-25 Sh 1	11
9-25 Sh 1A	11
9-25 Sh 1B	11
9-26	7
9-27	0
9-28	6
9-29	0
9-30	12

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Table of Contents

i	12
ii	12
iii	12

Sections

10.1-1	0
10.2-1	12
10.2-2	12
10.2-3	12
10.2-4	12
10.2-5	12
10.2-6	12
10.2-7	12
10.2-8	12
10.2-9	12
10.2-10	12
10.2-11	12
10.2-12	12
10.3-1	0
10.4-1	11

Tables

10-1	0
10-2	0
10-3	0
10-4	0
10-5	0
10-6	0
10-7	0
10-8	0
10-9	0

Figures

10-1 Sh 1	11
10-1 Sh 1A	11
10-1 Sh 1B	11
10-2 Sh 1	11
10-2 Sh 1A	12
10-2 Sh 1B	11
10-2 Sh 1C	12
10-3 Sh 1	12
10-3 Sh 1A	12
10-4 Sh 1	11
10-4 Sh 1A	10
10-4 Sh 1B	11
10-4 Sh 1C	11
10-5 Sh 1	12
10-5 Sh 2	2
10-6 Sh 1	12
10-6 Sh 2	10
10-6 Sh 3	12
10-7	0
10-8	11

Chapter 11

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Table of Contents

i	12
ii	12
iii	12
iv	12
v	12

Sections

11.1-1	0
11.2-1	0
11.2-2	0
11.2-3	0
11.2-4	0
11.2-5	1
11.2-6	0
11.2-7	0
11.2-8	0
11.2-9	0
11.2-10	0
11.3-1	6
11.3-2	1
11.3-3	0
11.4-1	12
11.4-2	12
11.4-3	12
11.4-4	12
11.4-5	12
11.4-6	12
11.4-7	12
11.5-1	12
11.5-2	12
11.5-3	12
11.5-4	12
11.6-1	12
11.6-2	12
11.6-3	12
11.6-4	12
11.6-5	12
11.6-6	12
11.6-7	12
11.6-8	12
11.6-9	12
11.6-10	12
11.6-11	12
11.6-12	12
11.6-13	12
11.6-14	12
11.6-15	12
11.6-16	12
11.6-17	12
11.6-18	12
11.6-19	12

References

11-1	1
------	---

Tables

11-1 Sh 1	0
11-1 Sh 2	0
11-1 Sh 3	0

Chapter 11

<u>Page Number</u>	<u>Revision Number</u>
11-2 Sh 1	0
11-2 Sh 2	0
11-3 Sh 1	0
11-3 Sh 2	0
11-3 Sh 3	0
11-3 Sh 4	0
11-3 Sh 5	0
11-3 Sh 6	0
11-3 Sh 7	0
11-3 Sh 8	0
11-3 Sh 9	0
11-4 Sh 1	0
11-4 Sh 2	12
11-4 Sh 3	11
11-4 Sh 4	0
11-4 Sh 5	0
11-4 Sh 6	0
11-4 Sh 7	0
11-5	0
11-6	0
11-7	0
11-8	0
11-9	0
11-10	0
11-11	0
11-12	0
11-13	0
11-14 Sh 1	0
11-14 Sh 2	0
11-14 Sh 3	0
11-14 Sh 4	0
11-14 Sh 5	0
11-15 Sh 1	10
11-15 Sh 2	0
11-15 Sh 3	1
11-16	11

Figures

11-1 Sh 1	11
11-1 Sh 1A	11
11-1 Sh 1B	11
11-1 Sh 1C	11
11-1 Sh 2	11
11-1 Sh 3	9
11-2 Sh 1	12
11-2 Sh 2	11
11-2 Sh 2A	12
11-2 Sh 2B	11
11-3 Sh 1	11
11-3 Sh 2	12
11-4 Sh 1	6
11-4 Sh 2	11
11-4 Sh 3	1
11-4 Sh 4	11
11-4 Sh 5	9
11-5 Sh 1	9
11-5 Sh 1A	12
11-5 Sh 1B	11
11-5 Sh 2	11
11-6	11
11-7	0
11-8	3
11-9	0

Appendix

11A Appendix I, Submittal -	0
June 4, 1976	

Chapter 12

<u>Page Number</u>	<u>Revision Number</u>
--------------------	----------------------------

Table of Contents

i	11
ii	11
iii	11
iv	1

Sections

12.1-1	8
12.1-2	10
12.1-3	11
12.1-4	6
12.1-5	6
12.1-6	10
12.1-7	11
12.1-8	10
12.1-9	3
12.1-10	10
12.1-11	6
12.1-12	3
12.1-13	6
12.1-14	1
12.2-1	3
12.2-2	3
12.2-3	3
12.2-4	3
12.3-1	11
12.3-2	11
12.4-1	10
12.4-2	11
12.5-1	1
12.6-1	1

Figures

12-1	6
12-2	10
12-3	6
12-4	10

Chapter 13

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	0
<u>Sections</u>	
13.1-1	0
13.1-2	0
13.1-3	0
13.2-1	0
13.2-2	0
13.3-1	0
13.3-2	0
13.4-1	0

<u>Page Number</u>	<u>Revision Number</u>
<u>Table of Contents</u>	
i	12
ii	12
iii	12
iv	12
v	12
vi	12
vii	12
viii	12
ix	12
x	12
xi	12
xii	12
xiii	12
xiv	12
<u>Sections</u>	
14.1-1	12
14.1-2	12
14.1-3	12
14.1-3	12
14.1-4	12
<u>References</u>	
14.1-1	12
14.2-1	12
14.2-2	12
14.2-3	12
14.2-4	12
14.2-5	12
14.2-6	12
<u>References</u>	
14.2-1	12
14.3-1	12
14.3-2	12
14.3-3	12
14.3-4	12
14.3-5	12
14.3-6	12
<u>References</u>	
14.3-1	12
14.4-1	12
14.4-2	12
14.4-3	12
<u>References</u>	
14.4-1	12
14.5-1	12
<u>References</u>	
14.5-1	12
14.6-1	12
14.6-2	12
14.6-3	12
<u>References</u>	
14.6-1	12
14.7-1	12
14.7-2	12
14.7-3	12
14.7-4	12
<u>References</u>	
14.7-1	12

Chapter 14

<u>Page Number</u>	<u>Revision Number</u>
14.8-1	12
14.8-2	12
<u>References</u>	
14.8-3	8
14.9-1	8
<u>References</u>	
(DELETED)	8
14.10-1	12
14.10-2	12
14.10-3	12
<u>References</u>	
14.10-1	12
14.11-1	12
14.11-2	12
14.11-3	12
14.11-4	12
<u>References</u>	
4.11-5	0
14.12-1	12
14.12-2	12
<u>References</u>	
14.12-1	12
14.13-1	12
14.13-2	12
14.13-3	12
14.13-4	12
<u>References</u>	
14.13-5	8
14.14-1	12
14.14-2	12
14.14-3	12
14.14-4	12
14.14-5	12
14.14-6	12
14.14-7	12
<u>References</u>	
14.14-1	12
14.15-1	12
14.15-2	12
14.15-3	12
14.15-4	12
14.15-5	12
14.15-6	12
14.15-7	12
14.16-8	12
<u>References</u>	
14.15-1	12
14.16-1	12
14.16-2	12
14.16-3	12
14.16-4	12
14.16-5	12
<u>References</u>	
14.16-1	12

Chapter 14

<u>Page Number</u>	<u>Revision Number</u>
14.17-1	12
14.17-2	12
14.17-3	12
14.17-4	12
14.17-5	12
14.17-6	12
14.17-7	12
14.17-8	12
14.17-9	12
14.17-10	12
14.17-11	12
<u>References</u>	
14.17-1	12
14.17-2	12
14.18-1	12
14.18-2	12
14.18-3	12
14.18-4	12
14.18-5	12
14.18-6	12
14.18-7	12
14.18-8	12
14.18-9	12
14.18-10	12
14.18-11	12
14.18-12	12
<u>References</u>	
14.18-1	12
14.19-1	12
14.19-2	12
14.19-3	12
14.19-4	12
<u>References</u>	
14.19-5	11
14.20-1	12
14.20-2	12
14.21-1	12
14.21-2	12
14.21-3	12
14.22-1	12
14.22-2	12
14.22-3	12
14.22-4	12
14.22-5	12
14.22-6	12
<u>References</u>	
14.22-1	12
14.23-1	12
14.23-2	12
<u>References</u>	
14.23-1	12
14.24-1	12
14.24-2	12
<u>References</u>	
14.24-1	12

<u>Page Number</u>	<u>Revision Number</u>
<u>Tables</u>	
14.1-1 (DELETED)	12
14.1-2	12
14.1-3	12
14.1-4	8
14.1-5	12
14.1-6 Sh 1	12
14.1-6 Sh 2	12
14.1-6 Sh 3	12
14.1-6 Sh 4	12
14.1-6 Sh 5	12
14.1-6 Sh 6	12
14.1-7 Sh 1	12
14.1-7 Sh 2	12
14.2.1-1	12
14.2.2-1	12
14.2.3-1	12
14.2-3.2	12
14.3-1	12
14.4-1	12
14.5-1	12
14.6-1 (DELETED)	12
14.6.2-1	12
14.7-1	12
14.7-2	12
14.10-1	12
14.11-1	0
14.11-2	0
14.11-3	0
14.12-1	12
14.13-1	12
14.13-2 (DELETED)	12
14.14-1 Sh 1	12
14.14-1 Sh 2	12
14.14-2	12
14.14-3 Sh 1	12
14.14-3 Sh 2	12
14.14-4	12
14.14-5	12
14.14-6	12
14.15-1	12
14.15-2	12
14.15-3 Sh 1	12
14.15-3 Sh 2	12
14.15-4	12
14.15-5	12
14.15-6	12
14.16-1	12
14.16-2	12
14.16-3	12
14.17.1-1 Sh 1	12
14.17.1-1 Sh 2	12
14.17.1-2 Sh 1	12
14.17.1-2 Sh 2	12
14.17.1-2 Sh 3	12
14.17.1-3	12
14.17.1-4	12
14.17.2-1 Sh 1	12
14.17.2-1 Sh 2	12
14.17.2-2	12
14.17.2-3	12
14.17.3-1 Sh 1	12
14.17.3-1 Sh 2	12
14.18.1-1 Sh 1	11
14.18.1-1 Sh 2	11
14.18.1-2	11
14.18.1-3	11
14.18.1-4	11
14.18.1-5	11

Chapter 14

<u>Page Number</u>	<u>Revision Number</u>
14.18.2-1	11
14.18.2-2	11
14.18.2-3	11
14.18.2-4	11
14.19-1	0
14.19-2	11
14.22-1 Sh 1	8
14.22-1 Sh 2	8
14.22-2 Sh 1	8
14.22-2 Sh 2	8
14.22-3	8
14.22-4 Sh 1	12
14.22-4 Sh 2	12
14.22-4 Sh 3	12
14.22-4 Sh 4	12
14.22-5 (DELETED)	12
14.22-6 (DELETED)	12
14.22-7 (DELETED)	12
14.23-1	12
14.23-2	12
14.24-1	12
14.24-2	12

Figures

14.1-1	0
14.1-2	12
14.1-3	12
14.1-4	12
14.2.1-1	12
14.2.1-2	12
14.2.1-3	12
14.2.1-4	12
14.2.1-5	12
14.2.1-6	12
14.2.1-7	12
14.2.1-8	12
14.2.1-9	12
14.2.2-1	12
14.2.2-2	12
14.2.2-3	12
14.2.2-4	12
14.2.2-5	12
14.2.2-6	12
14.2.2-7	12
14.2.2-8	12
14.2.2-9	12
14.2.2-10	12
14.2-20 (DELETED)	12
14.2-21 (DELETED)	12
14.2-22 (DELETED)	12
14.2-23 (DELETED)	12
14.2-24 (DELETED)	12
14.2-25 (DELETED)	12
14.2-26 (DELETED)	12
14.2-27 (DELETED)	12
14.3-1	0
14.4-1	12
14.4-2	12
14.4-3	12
14.4-4	12
14.4-5	12
14.4-6 (DELETED)	12
14.5-1 (DELETED)	12

Chapter 14

<u>Page Number</u>	<u>Revision Number</u>
14.7-1	12
14.7-2	12
14.7-3	12
14.7-4	12
14.7-5	12
14.7-6	12
14.7-7	12
14.7-8	12
14.7-9	12
14.7-10	12
14.10-1	12
14.10-2	12
14.10-3	12
14.10-4	12
14.10-5	12
14.10-6 (DELETED)	12
14.11-1	12
14.11-2	12
14.12-1	12
14.12-2	12
14.12-3	12
14.12-4	12
14.12-5	12
14.13-1	8
14.13-2	8
14.14-1	12
14.14-2	12
14.14-3	12
14.14-4	12
14.14-5	12
14.14-6	12
14.14-7	12
14.14-8	12
14.14-9	12
14.14-10	12
14.14-11	12
14.14-12	12
14.14-13 (DELETED)	12
14.14-14 (DELETED)	12
14.14-15 (DELETED)	12
14.14-16 (DELETED)	12
14.14-17 (DELETED)	12
14.14-18 (DELETED)	12
14.14-19 (DELETED)	12
14.14-20 (DELETED)	12
14.14-21 (DELETED)	12
14.14-22 (DELETED)	12
14.14-23 (DELETED)	12
14.15-1	12
14.15-2	12
14.15-3	12
14.15-4	12
14.15-5	12
14.15-6	12
14.15-7	12
14.15-8	12
14.15-9	12
14.15-10	12
14.15-11	12
14.15-12	12
14.15-13	12
14.15-14	12
14.15-15	12
14.15-16	12
14.15-17	12
14.15-18	12
14.15-19	12
14.15-20	12
14.15-21	12
14.15-22	12

Chapter 14

<u>Page Number</u>	<u>Revision Number</u>
14.15-23	12
14.15-24	12
14.15-25	12
14.16-1	12
14.16-2	12
14.16-3	12
14.16-4	12
14.16-5	12
14.17.1-1	12
14.17.1-2	12
14.17.2-1	12
14.17.2-2	12
14.17.2-3	12
14.17.2-4	12
14.17.2-5	12
14.17.2-6	12
14.18.1-1	12
14.18.1-2	12
14.18.2-1	12
14.18.2-2	12
14.22-1	12
14.22-2	12