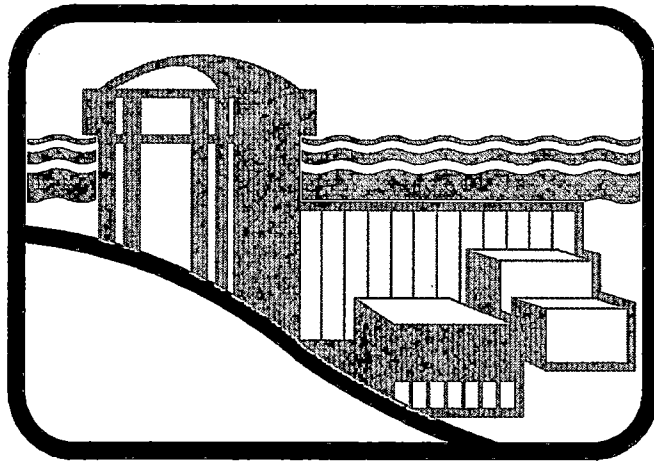


IMPROVED TECHNICAL SPECIFICATIONS



**ALISADES
UCLEAR
LANT**

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Volume 1 **SUBMITTAL SUMMARY**

Consumers Energy

ATTACHMENT 1

**CONSUMERS ENERGY COMPANY
PALISADES PLANT
DOCKET 50-255**

PALISADES ITS SUBMITTAL CONTENT AND ORGANIZATION

2 Pages

ATTACHMENT 1

Palisades ITS Submittal Content and Organization

The Palisades Request for Conversion to ITS consists of the submittal letter, four attachments to the submittal letter (of which this is Attachment 1) and one enclosure which consists of 20 volumes.

The enclosure consists of 20 volumes - each of which (except Volumes 1 & 2), describe and justify the changes to one chapter or one section of the ITS in accordance with the guidance of NEI 96-06 and NRC Administrative Letter 96-04. The content of each volume is described below.

Vol. 1	Copy of the Submittal Letter Including Attachments
Vol. 2	Complete Set of Marked up CTS pages in CTS Order
Vol. 3	Chapter 1.0 Use and Application
Vol. 4	Chapter 2.0 Safety Limits
Vol. 5	Chapter 3.0 Applicability
Vol. 6	Section 3.1 Reactivity Control Systems
Vol. 7	Section 3.2 Power Distribution Limits
Vol. 8 & 9	Section 3.3 Instrumentation
Vol. 10 & 11	Section 3.4 Primary Coolant System (PCS)
Vol. 12	Section 3.5 Emergency Core Cooling Systems (ECCS)
Vol. 13	Section 3.6 Containment Systems
Vol. 14 & 15	Section 3.7 Plant Systems
Vol. 16 & 17	Section 3.8 Electrical Power Systems
Vol. 18	Section 3.9 Refueling Operations
Vol. 19	Chapter 4.0 Design Features
Vol. 20	Chapter 5.0 Administrative Controls

Each volume (Vol. 3 - Vol. 20, except Volumes 9, 11, 15 and 17 which are continuations of the preceding volume) consists of an introduction letter and six attachment sections. Volumes 16 & 17, which contain Section 3.8, the Electrical Section, have additional attachment sections which are explained in the introduction for that section.

The introduction for each volume explains how the Palisades design and licensing basis affects that chapter or section.

The attachments in each volume (except the Electrical Section) contain the same type of information. Therefore, each volume contains an introduction and six attachments. The attachments are:

- Attachment 1 Proposed ITS pages.
- Attachment 2 Proposed Bases pages.
- Attachment 3 Marked-up CTS pages and Discussion of Changes (DOCs) that show how the requirements and information contained in the CTS will be dispositioned after the ITS are implemented, and the justification for the changes and classifications.
- Attachment 4 No Significant Hazard Considerations for each change described in Attachment 3.
- Attachment 5 NUREG-1432 pages for that section marked up to show changes in the proposed ITS and associated Bases that deviate from NUREG-1432.
- Attachment 6 Justifications For Deviations (JFDs) for the deviations shown in Attachment 5.

The Electrical Section has nine attachments since, as explained in the Section 3.8 introduction, it is based on a pending Technical Specification Change Request that is all-encompassing and closely resembles the ISTS.

Each volume is contained in a Palisades ITS-identified hardcover loose-leaf notebook.

ATTACHMENT 2

**CONSUMERS ENERGY COMPANY
PALISADES PLANT
DOCKET 50-255**

PENDING CTS TECHNICAL SPECIFICATION CHANGE REQUESTS

ATTACHMENT 2
PENDING CTS TECHNICAL SPECIFICATION CHANGE REQUESTS (TSCRs)

TAC NO	SUBMITTAL DATES	TSCR TITLE	ITS SECTIONS AFFECTED	NOTES
M-94287	12/11/95 01/18/96 09/03/96 10/02/96 10/18/96 10/25/96 03/28/97 06/27/97	ADMINISTRATIVE CONTROLS Partial Issue 10/31/96 (Amendment 174)	3.4 5.0	TSCR Changes: Revision of CTS 4.3f, RHX surveillance interval to 10 years Relocate Procedure Control details, 6.4.2 & 6.4.3, to CPC-2A Revise ODCM & Rad Effluent Program to refer to new 10 CFR 20 Relocate Review and Audit, 6.8, to CPC-2A Affected CTS Pages: 4-16, 6-4, 6-5, & 6-7 revised; 6-24 -> 6-31 deleted
M-94378	12/27/95 09/06/96 11/26/96 06/27/97 11/21/97	ELECTRICAL	3.1 3.3 3.4 3.5 3.7 3.9 5.0	Rewrites the Electrical CTS (LCOS AND SRs) to emulate STS. Affected CTS Pages: 3-41 -> 3-45b Replaced by new 3-41 -> 3-45g 3-66, 3-67, B 3.17-15, B 3.17-16, B 3.17-17, 4-11, revised 4-42, 43, 43a replaced by new 4-42 -> 4-43d 4-77, 6-16 revised
M-98291	03/26/97	CONTAINMENT	1.0 3.6 3.9 5.0	TSCR revises section 3.6 & 4.5. Reduces Cont pressure limit to 1.5# Rx SD or 1# Rx Crit. Adds new LCO for containment temperature Adds a note to allow entry through a locked airlock door Affected CTS Pages: 1-2, 3-40, 3-40a, & 4-20 -> 4-23a revised; 4-23b added 3-40b -> 3-40g deleted
M-94567	01/18/96 10/01/97	PCP FLYWHEEL	5.0	TSCR requests extension of flywheel testing SR to 10 years. Affected CTS Pages: 6-8 revised
M-99651	09/03/97	CONTROL ROOM HVAC	3.3 3.7	Revises CTS 3.14 to emulate STS requirements for CR-HVAC Two LCOs: CRHVAC-Filtration & CRHVAC-Cooling Affected CTS Pages: 3-61, 3-62, 3-64, 4-14, 4-76, B 3.17-5, B 3.17-7, B 3.17-35
M-99656	09/03/97	SNUBBERS	None	Relocates CTS Snubber requirements 3.20 & 4.16 to ORM. Affected CTS Pages: 3-79b, 3-80, 3-84, & 4-71 - 4-74a

ATTACHMENT 3

**CONSUMERS ENERGY COMPANY
PALISADES PLANT
DOCKET 50-255**

GENERIC CHANGES

5 Pages

ATTACHMENT 3

GENERIC CHANGES

This attachment lists: (1) the Technical Specifications Task Force (TSTF) generic changes that have been approved by the NRC (as of October 15, 1997) that impact NUREG-1432, Revision 1; and (2) the TSTF recommended changes that were not yet approved by the NRC that were incorporated.

This attachment is provided in two tables.

Table 1 is sorted by Section, then by TSTF, and by Justification For Difference (JFD).

Table 2 is identical data sorted by TSTF, then by Section, and by JFD.

A designation of **NYA** in the TSTF column indicates that this incorporated generic change was **Not Yet Approved** (as of October 15, 1997).

A listing of **NA-Digital** in the JFD column indicates that this generic change is not applicable since the change affects only the digital Specifications of NUREG-1432 and Palisades instrumentation is analog rather than digital.

ATTACHMENT 3

GENERIC CHANGES

**TABLE 1
(Sorted by Section/TSTF/JFD)**

TSTF	Section	JFD
40	1	1.0-12
47	1	1.0-11
67	1	1.0-13
5, R1	2	2.0-08
144	2	2.0-06
8, R2	3.0	3.0-07
52 NYA	3.0	3.0-08
71, R1	3.0	3.0-14
103 NYA	3.0	3.0-06
104	3.0	3.0-13
122	3.0	3.0-12
165	3.0	3.0-10
166	3.0	3.0-11
9, R1	3.1	3.1.01-09
67	3.1	3.1.01-14
67	3.1	3.1.05-23
67	3.1	3.1.06-16
67	3.1	3.1.07-15
67	3.1	3.1.09-17
127, R1	3.1	3.1.05-03
127, R1	3.1	3.1.05-06
136	3.1	3.1.01-07
136	3.1	3.1.02-06
136	3.1	3.1.03-12
136	3.1	3.1.04-10
136	3.1	3.1.05-24
136	3.1	3.1.06-15
136	3.1	3.1.07-14
136	3.1	3.1.09-16
141	3.1	3.1.03-13
142	3.1	3.1.03-07
143	3.1	3.1.05-07
154, R1 NYA	3.1	3.1.09-10

TSTF	Section	JFD
172	3.1	3.1.04-12
193	3.1	3.1.05-25
194	3.1	3.1.08-06
77	3.2	NA-Digital
136	3.2	3.2.01-11
149	3.2	NA-Digital
150	3.2	NA-Digital
69	3.3	NA-Digital
72	3.3	NA-Digital
73	3.3	NA-Digital
74	3.3	NA-Digital
75	3.3	NA-Digital
76, R1	3.3	NA-Digital
79, R1	3.3	3.3.03-08
80, R1	3.3	3.3.01-28
81	3.3	3.3.01-23
82, R1	3.3	3.3.02-06
83	3.3	3.3.03-10
84	3.3	3.3.09-06
85, R1	3.3	3.3.01-08
130, R1	3.3	NA-Digital
132	3.3	NA-Digital
136	3.3	3.3.13-12
148	3.3	NA-Digital
170	3.3	3.3.03-11
178	3.3	3.3.01-25
179	3.3	3.3.01-26
180	3.3	3.3.02-06
181	3.3	3.3.03-12
182	3.3	3.3.03-14
184	3.3	3.3.07-09
185	3.3	3.3.07-09
186	3.3	3.3.07-10

ATTACHMENT 3
GENERIC CHANGES

TABLE 1
(Sorted by Section/TSTF/JFD)

TSTF	Section	JFD
187	3.3	3.3.05-12
187	3.3	3.3.09-06
188	3.3	3.3.11-12
189	3.3	3.3.01-27
192	3.3	3.3.03-08
26	3.4	3.4.02-07
27, R2 NYA	3.4	3.4.02-06
28	3.4	3.4.16-07
53, R1	3.4	3.4.11-20
54, R1	3.4	3.4.13-10
55	3.4	3.4.12-14
56	3.4	3.4.11-14
57	3.4	3.4.10-09
60	3.4	3.4.15-07
61	3.4	3.4.13-07
62	3.4	3.4.01-08
63	3.4	3.4.07-14
66	3.4	3.4.16-06
93, R3	3.4	3.4.09-16
94, R1	3.4	3.4.09-05
105 NYA	3.4	3.4.01-09
114	3.4	3.4.07-08
129	3.4	3.4.01-05
136	3.4	3.4.01-15
137	3.4	3.4.16-09
153	3.4	3.4.05-06
153	3.4	3.4.06-06
153	3.4	3.4.07-06
153	3.4	3.4.08-06
177	3.4	3.4.05-09
195	3.4	3.4.06-13
78	3.5	3.5.02-09
128, R1	3.5	3.5.05-07

TSTF	Section	JFD
133, R1	3.5	3.5.05-09
17, R1	3.6	3.6.02-08
30, R2	3.6	3.6.03-13
45, R1	3.6	3.6.03-08
46, R1	3.6	3.6.03-09
52 NYA	3.6	3.6.01-06
52 NYA	3.6	3.6.02-06
52 NYA	3.6	3.6.02-10
78	3.6	3.6.06B-09
70, R1	3.7	3.7.17-06
100	3.7	3.7.04-12
101	3.7	3.7.05-11
139, R1	3.7	3.7.16-08
140	3.7	3.7.06-10
173	3.7	3.7.19-06
174	3.7	3.7.06-09
175	3.7	3.7.08-06
8, R2	3.8	3.8.01-12
8, R2	3.8	3.8.04-06
8, R2	3.8	3.8.B-06
38	3.8	3.8.04-07
38	3.8	3.8.B-09
20	3.9	3.9.06-08
21, R1	3.9	3.9.05-10
21	3.9	3.9.05-10
96	3.9	3.9.02-06
136	3.9	3.9.01-07
146	3.9	3.9.04-06
153	3.9	3.9.04-12
52 NYA	5	5.0-19
106, R1	5	5.0-05
118	5	5.0-24
152	5	5.0-25

ATTACHMENT 3

GENERIC CHANGES

**TABLE 2
(Sorted by TSTF/Section/JFD)**

TSTF	Section	JFD
5, R1	2	2.0-08
8, R2	3.0	3.0-07
8, R2	3.8	3.8.01-12
8, R2	3.8	3.8.04-06
8, R2	3.8	3.8.B-06
9, R1	3.1	3.1.01-09
17, R1	3.6	3.6.02-08
20	3.9	3.9.06-08
21, R1	3.9	3.9.05-10
21	3.9	3.9.05-10
26	3.4	3.4.02-07
27, R2 NYA	3.4	3.4.02-06
28	3.4	3.4.16-07
30, R2	3.6	3.6.03-13
38	3.8	3.8.04-07
38	3.8	3.8.B-09
40	1	1.0-12
45, R1	3.6	3.6.03-08
46, R1	3.6	3.6.03-09
47	1	1.0-11
52 NYA	3.0	3.0-08
52 NYA	3.6	3.6.01-06
52 NYA	3.6	3.6.02-06
52 NYA	3.6	3.6.02-10
52 NYA	5	5.0-19
53, R1	3.4	3.4.11-20
54, R1	3.4	3.4.13-10
55	3.4	3.4.12-14
56	3.4	3.4.11-14
57	3.4	3.4.10-09
60	3.4	3.4.15-07
61	3.4	3.4.13-07
62	3.4	3.4.01-08

TSTF	Section	JFD
63	3.4	3.4.07-14
66	3.4	3.4.16-06
67	1	1.0-13
67	3.1	3.1.01-14
67	3.1	3.1.05-23
67	3.1	3.1.06-16
67	3.1	3.1.07-15
67	3.1	3.1.09-17
69	3.3	NA-Digital
70, R1	3.7	3.7.17-06
71, R1	3.0	3.0-14
72	3.3	NA-Digital
73	3.3	NA-Digital
74	3.3	NA-Digital
75	3.3	NA-Digital
76, R1	3.3	NA-Digital
77	3.2	NA-Digital
78	3.5	3.5.02-09
78	3.6	3.6.06B-09
79, R1	3.3	3.3.03-08
80, R1	3.3	3.3.01-28
81	3.3	3.3.01-23
82, R1	3.3	3.3.02-06
83	3.3	3.3.03-10
84	3.3	3.3.09-06
85, R1	3.3	3.3.01-08
93, R3	3.4	3.4.09-16
94, R1	3.4	3.4.09-05
96	3.9	3.9.02-06
100	3.7	3.7.04-12
101	3.7	3.7.05-11
103 NYA	3.0	3.0-06
104	3.0	3.0-13

ATTACHMENT 3

GENERIC CHANGES

TABLE 2
(Sorted by TSTF/Section/JFD)

TSTF	Section	JFD
105 NYA	3.4	3.4.01-09
106, R1	5	5.0-05
114	3.4	3.4.07-08
118	5	5.0-24
122	3.0	3.0-12
127, R1	3.1	3.1.05-03
127, R1	3.1	3.1.05-06
128, R1	3.5	3.5.05-07
129	3.4	3.4.01-05
130, R1	3.3	NA-Digital
132	3.3	NA-Digital
133, R1	3.5	3.5.05-09
136	3.1	3.1.01-07
136	3.1	3.1.02-06
136	3.1	3.1.03-12
136	3.1	3.1.04-10
136	3.1	3.1.05-24
136	3.1	3.1.06-15
136	3.1	3.1.07-14
136	3.1	3.1.09-16
136	3.2	3.2.1-11
136	3.3	3.3.13-12
136	3.4	3.4.01-15
136	3.9	3.9.01-07
137	3.4	3.4.16-09
139, R1	3.7	3.7.16-08
140	3.7	3.7.06-10
141	3.1	3.1.03-13
142	3.1	3.1.03-07
143	3.1	3.1.05-07
144	2	2.0-06
146	3.9	3.9.04-06
148	3.3	NA-Digital

TSTF	Section	JFD
149	3.2	NA-Digital
150	3.2	NA-Digital
152	5	5.0-25
153	3.4	3.4.05-06
153	3.4	3.4.06-06
153	3.4	3.4.07-06
153	3.4	3.4.08-06
153	3.9	3.9.04-12
154, R1 NYA	3.1	3.1.09-10
165	3.0	3.0-10
166	3.0	3.0-11
170	3.3	3.3.03-11
172	3.1	3.1.04-12
173	3.7	3.7.19-06
174	3.7	3.7.06-09
175	3.7	3.7.08-06
177	3.4	3.4.05-09
178	3.3	3.3.01-25
179	3.3	3.3.01-26
180	3.3	3.3.02-06
181	3.3	3.3.03-12
182	3.3	3.3.03-14
184	3.3	3.3.07-09
185	3.3	3.3.07-09
186	3.3	3.3.07-10
187	3.3	3.3.05-12
187	3.3	3.3.09-06
188	3.3	3.3.11-12
189	3.3	3.3.01-27
192	3.3	3.3.03-08
193	3.1	3.1.05-25
194	3.1	3.1.08-06
195	3.4	3.4.06-13

ATTACHMENT 4

**CONSUMERS ENERGY COMPANY
PALISADES PLANT
DOCKET 50-255**

APPLICATION OF SELECTION CRITERIA TO THE PALISADES CTS

12 Pages

INTRODUCTION

The requirements in the Palisades Current Technical Specifications (CTS) were evaluated to determine if they met any of the four criteria of 10 CFR 50.36. As part of that evaluation, each requirement which was determined to be a candidate for relocation was reviewed by the Palisades Probabilistic Safety Assessment (PSA) Section to determine if its removal had a significant risk impact. Consumers Energy has determined the relocation of the identified requirements is neither risk significant, nor expected to have an impact on the PSA.

The results of the evaluation are provided in the summary disposition matrix and include a reference to the Discussion of Change which justifies the relocation of those requirements which do not meet any of the four criteria of 10 CFR 50.36.

SUMMARY DISPOSITION MATRIX . JR PALISADES NUCLEAR PLANT

CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
1.0	DEFINITIONS	1.1	Yes-N/A	This section provides definitions for several defined terms used throughout the remainder of the Technical Specifications (TS). They are provided to improve the meaning of certain terms. As such, direct application of the TS selection criteria is not appropriate. However, only those definitions for defined terms that remain as a result of application of the selection criteria, will remain as definitions in this section of TS.
2.0	SAFETY LIMITS AND LIMITING SAFETY SYSTEM SETTINGS (LSSS)	2.0		
2.1	Reactor Core	2.1.1	Yes-N/A	Application of TS selection criteria is not appropriate. However, Safety Limits will be included in TS as required by 10 CFR 50.36.
2.2	Primary Coolant System Pressure	2.1.2	Yes-N/A	Application of TS selection criteria is not appropriate. However, Safety Limits will be included in TS as required by 10 CFR 50.36.
2.3	Reactor Protective System Trip Setting Limits	3.3.1	Yes-3	The application of TS selection criteria is not appropriate. However, the RPS LSSS have been included as part of the RPS instrumentation specification, which has been retained since Functions either actuate to mitigate consequences of Design Basis Accidents (DBA) and transients or are retained as directed by the NRC as the Functions are part of the RPS
3.0	APPLICABILITY	3.0		
3.0.1	Operational Conditions	LC0 3.0.1	Yes-N/A	This Specification provides generic guidance applicable to one or more Specifications. The information is provided to facilitate understanding of Limiting Conditions for Operations. As such, direct application of the TS selection criteria is not appropriate. However, the general requirements of 3.0 will be retained in TS, as modified consistent with NUREG-1432, Rev. 1.
3.0.2	Noncompliance	LC0 3.0.2	Yes-N/A	Same as above.
3.0.3	Generic Actions	LC0 3.0.3	Yes-N/A	Same as above.
3.0.4	Entry into Operational Modes	LC0 3.0.4	Yes-N/A	Same as above.
3.0.5	Operability Exception	LC0 3.0.5	Yes-N/A	Same as above.

SUMMARY DISPOSITION MATRIX , JR PALISADES NUCLEAR PLANT

CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
4.0	SURVEILLANCE REQUIREMENTS	SR 3.0		
4.0.1	Operational Conditions	SR 3.0.1	Yes-N/A	This Specification provides generic guidance applicable to one or more Specifications. The information is provided to facilitate understanding of Surveillance Requirements. As such, direct application of the TS selection criteria is not appropriate. However, the general requirements of 4.0 will be retained in TS, as modified consistent with NUREG-1432, Rev. 1.
4.0.2	Time of Performance	SR 3.0.2	Yes-N/A	Same as above.
4.0.3	Noncompliance	SR 3.0.3	Yes-N/A	Same as above.
4.0.4	Entry into Operational Modes	SR 3.0.4	Yes-N/A	Same as above.
4.0.5	Deleted in CTS			
3.1	PRIMARY COOLANT SYSTEM (PCS)			
3.1.1a	PCS flow requirements for boration	3.4.5 3.4.6 3.4.7 3.4.8	Yes-3 Yes-4 Yes-4 Yes-4	
3.1.1b	Primary Coolant Pump (PCP) requirements > 525°F	3.4.4	Yes-2, 3	
3.1.1c	PCS flow Requirements	3.4.1	Yes-2	
3.1.1d	Steam generator requirements > 300°F	3.4.4 3.4.5	Yes-2, 3 Yes-3	
3.1.1e	AXIAL Shape Index (ASI) requirements and actions	3.2.4	Yes-2	
3.1.1f-g	PCS pressure/temperature requirements and actions	3.4.1	Yes-2	
3.1.1h	PCP starting requirements	3.4.5 3.4.6 3.4.7	Yes-3 Yes-4 Yes-4	
3.1.1i	PCP operation requirements < 300°F	3.4.6 3.4.7	Yes-4 Yes-4	
3.1.1j	PZR heater requirement and actions	3.4.9	Yes-4	

SUMMARY DISPOSITION MATRIX ,JR PALISADES NUCLEAR PLANT

CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.1.2	PCS P/T LCO requirements	3.4.3	Yes-2	
3.1.2a	PCS H/U & C/D curves	3.4.3	Yes-2	
3.1.2b	PZR H/U & C/D rates	Relocated	No	See Section 3.4 Discussion of Change R.1
3.1.2c	PCS H/U & C/D rates	3.4.3	Yes-2	
3.1.3	MINIMUM CONDITIONS FOR CRITICALITY			
3.1.3a	Minimum temperature for criticality (Low power physics test exception)	3.1.7 3.4.2	Yes-N/A Yes-2	
3.1.3b	Minimum temperature for criticality	3.1.7	Yes-N/A	
3.1.3c	Reactivity requirements below minimum temperature in 3.1.3a above	3.4.2	Yes-2	
3.1.3d-e	Reactivity requirements without steam bubble in PZR	3.4.9	Yes-2, 4	
3.1.4	MAXIMUM PRIMARY COOLANT RADIOACTIVITY			
3.1.4a-e	PCS specific activity requirements and actions	3.4.16	Yes-2	
3.1.5	PRIMARY COOLANT SYSTEM LEAKAGE LIMITS			
3.1.5a, b	Identified & unidentified PCS leakage limits and actions	3.4.13	Yes-2	
3.1.5c	Secondary specific activity limits and actions	3.7.17	Yes-2	
3.1.5d	Primary to secondary leakage limits	3.4.13	Yes-2	
3.1.6	MAXIMUM PRIMARY COOLANT OXYGEN AND HALOGENS CONCENTRATION			
3.1.6a-e	Primary chemistry limits and actions	Relocated	No	See Section 3.4 Discussion of Change R.2
3.1.7	PRIMARY and SECONDARY SAFETY VALVES			
3.1.7.1	Primary setpoints and actions	3.4.10	Yes-3	
3.1.7.2	Secondary setpoints and actions	3.7.1	Yes-3	
3.1.8	OVERPRESSURE PROTECTION SYSTEMS			

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.1.8.1	PZR PORVs requirements and actions ($\geq 430^{\circ}\text{F}$)	3.4.11	Yes-4	
3.1.8.2	PZR PORVs requirements and actions ($< 430^{\circ}\text{F}$)	3.4.12	Yes-2	
3.1.9	SHUTDOWN COOLING			
3.1.9.1	Requirements and actions ($> 200^{\circ}\text{F} \leq 300^{\circ}\text{F}$)	3.4.6	Yes-4	
3.1.9.2	Requirements and action with loops filled ($< 200^{\circ}\text{F}$)	3.4.7	Yes-4	
3.1.9.3	Requirements and actions with loops not filled ($< 200^{\circ}\text{F}$)	3.4.8 3.9.4 3.9.5	Yes-4	
3.2	CHEMICAL AND VOLUME CONTROL SYSTEM			
3.2.1, 3.2.2, and 3.2.3	Charging pump/flow path/and boric acid pump concentration requirements and actions	Relocated	No	See Section 3.1 Discussion of Change R.1
3.3	EMERGENCY CORE COOLING SYSTEM (ECCS)			
3.3.1	ECCS applicability	3.5.1 3.5.2 3.5.4 3.7.7	Yes-3	
3.3.1a	SIRW tank requirements	3.5.4	Yes-3	
3.3.1b	Safety injection tank requirements	3.5.1	Yes-3	
3.3.1c-d	Safety injection pump requirements	3.5.2	Yes-3	
3.3.1e	Heat exchanger requirements (SDC & CCW)	3.5.2 3.7.7	Yes-3	
3.3.1f-j	Piping and valve requirements	3.5.1 3.5.2	Yes-3	
3.3.2	ECCS/CCW actions	3.5.1 3.5.2 3.7.7	Yes-3	
3.3.2a	ECCS requirements (tank)	3.5.1	Yes-3	
3.3.2b, c	ECCS requirements (pump)	3.5.2	Yes-3	

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.3.2d	ECCS/CCW requirements (HX's)	3.5.2 3.7.7	Yes-3	
3.3.2e-f	ECCS valve and piping requirements	3.5.2	Yes-3	
3.3.3	PIV requirements and actions	3.4.14	Yes-2	
3.3.4	ECCS pump and requirements > 325°F	3.5.2	Yes-3	
3.3.5	ECCS pump requirements < 300°F	3.4.12	Yes-2	
3.4	CONTAINMENT COOLING			
3.4.1	Pump/air cooler requirements for containment cooling, pump/HX requirements for CCW and Service Water	3.6.6 3.7.7 3.7.8	Yes-3	
3.4.2	Actions			
3.4.3	Actions with allowances			
3.4.4 3.4.5	Equipment required to be operable in system			
3.5	STEAM AND FEEDWATER SYSTEMS			
3.5.1a	AFW component requirements	3.7.5 3.7.6	Yes-3	
3.5.1b-d	AFW component requirements	3.7.5	Yes-3	
3.5.1e	Condensate storage volume requirements	3.7.6	Yes-3	
3.5.1f	Main steam isolation valve requirements	3.7.2	Yes-3	
3.5.2a, b	Auxiliary feedwater pump inoperability allowance	3.7.5	Yes-3	
3.5.2c, d	AFW backup condensate supply requirements	3.7.6	Yes-3	
3.5.2e	AFW system component requirements	3.7.5	Yes-3	
3.5.3	MSIV/AFW/Condensate inoperability actions	3.7.2 3.7.5 3.7.6	Yes-3	
3.5.4	AFW pump inoperability actions	3.7.5	Yes-3	

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.6	CONTAINMENT SYSTEM			
3.6.1a-c	Applicability and containment isolation valves inoperability actions	3.6.1 3.6.2 3.6.3 3.9.3	Yes-3 Yes-3 Yes-3 Yes-4	
3.6.2	Containment pressure requirements and actions	3.6.4	Yes-2	
3.6.3	Containment temperature requirements and actions	3.6.5	Yes-2	
3.6.4	Hydrogen recombiner requirements and actions	3.6.7	Yes-3	
3.6.5	Containment purge isolation valve requirements and actions	3.6.3	Yes-3	
3.7	ELECTRICAL SYSTEMS			
3.7.1	AC sources - Operating specification	3.8.1 3.8.3	Yes-3	
3.7.2	AC sources - Shutdown specification	3.8.2	Yes-3	
3.7.3	DG fuel oil and lube oil specification	3.8.3	Yes-3	
3.7.4	DC sources - Operating specification	3.8.4	Yes-3	
3.7.5	DC sources - Shutdown specification	3.8.5	Yes-3	
3.7.6	Battery specification	3.8.6	Yes-3	
3.7.7	Inverters - Operating specification	3.8.7	Yes-3	
3.7.8	Inverters - Shutdown specification	3.8.8	Yes-3	
3.7.9	Distribution systems - Operating specification	3.8.9	Yes-3	
3.7.10	Distribution systems - Shutdown specification	3.8.10	Yes-3	
3.8	REFUELING OPERATIONS			
3.8.1a-c	Component requirements	3.3.6 3.7.12 3.9.3	Yes-4 Yes-3 Yes-4	

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.8.1d	Radiation level monitoring requirements	Relocated	No	See Section 3.3 Discussion of Change R.1, and Section 3.9 Discussion of Change R.1
3.8.1e	Neutron flux monitoring requirements	3.9.2	Yes-3	
3.8.1f	Shutdown cooling requirements	3.9.4	Yes-4	
3.8.1g	Refueling boron sampling requirements	3.9.1	Yes-2	
3.8.1h	Communication requirements	Relocated	No	See Section 3.9 Discussion of Change R.2
3.8.2	Actions	3.3.6 3.9.1 3.9.2 3.9.3 3.9.4	Yes-4 Yes-2 Yes-3 Yes-4 Yes-4	
3.8.3	Time limit for commencement of refueling operations	Relocated	No	See Section 3.9 Discussion of Change R.3
3.8.4	Fuel handling building ventilation requirements and actions	3.7.12	Yes-3	
3.8.5	Tilt pit water temperature monitoring requirements	Relocated	No	See Section 3.9 Discussion of Change R.4
3.9	Deleted in CTS			
3.10	CONTROL ROD AND POWER DISTRIBUTION LIMITS			
3.10.1a-c	Shutdown margin requirements	3.1.1 3.4.6 3.4.7 3.4.8	Yes-2 Yes-4 Yes-4 Yes-4	
3.10.1d-e	Control rod drop time	3.1.4	Yes-2, 3	
3.10.2	Deleted in CTS			
3.10.3	Part-length control rod restrictions	3.1.5	Yes-2	
3.10.4	Misaligned or inoperable control rod or part-length rod specifications	3.1.4	Yes-2, 3	
3.10.5	Regulating group insertion limits	3.1.6	Yes-2	
3.10.6	Shutdown rod limits	3.1.5	Yes-2	

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.10.7	Low power physics testing/CRDM exercising allowances	3.1.1 3.1.4 3.1.5 3.1.6 3.1.7	Yes-2 Yes-2, 3 Yes-2 Yes-2 Yes-N/A	
3.11.1	Incore detectors specification	Relocated	No	See Section 3.2 Discussion of Change R.1
3.11.2	Excore power distribution monitoring specification	Relocated	No	See Section 3.2 Discussion of Change R.1
3.12	Moderator temperature coefficient of reactivity specification	3.1.3	Yes-2	
3.13	Deleted in CTS			
3.14	CONTROL ROOM VENTILATION			
3.14.1	Filtration specification	3.7.10	Yes-3	
3.14.2	Cooling specification	3.7.11	Yes-3	
3.15	Deleted in CTS			
3.16	ENGINEERED SAFETY FEATURES (ESF) SYSTEM INSTRUMENTATION SETTINGS			
3.16.1	ESF instrumentation specification	3.3.3 3.3.10	Yes-3	
3.17	INSTRUMENTATION SYSTEMS			
3.17.1	Reactor Protection System (RPS) specification	3.3.1 3.3.2	Yes-3	
3.17.2	ESF logic instrumentation specification	3.3.3 3.3.4	Yes-3	
3.17.3	ESF isolation function specification	3.3.3 3.3.4 3.3.10	Yes-3	
3.17.4	Accident monitoring instrumentation	3.3.7	Yes-3	
3.17.5	Alternate Shutdown Instrumentation specification	3.3.8	Yes-4	

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.17.6	Safety function instrumentation specification	3.1.4 3.3.6 3.3.9 3.9.2	Yes-2, 3 Yes-4 Yes-3 Yes-3	
3.17.6.1	Neutron flux monitoring requirements and actions	3.3.9 3.9.2	Yes-3	
3.17.6.2	Rod position indication requirements and actions	3.1.4	Yes- 2, 3	
3.17.6.3	Safety function instrument requirements and actions	Relocated	No	See Section 3.3 Discussion of Change R.2
3.17.6.4				
3.17.6.5				
3.17.6.6.1				
3.17.6.6.2				
3.17.6.7.1	Leak detection instrument requirements and actions	3.4.15	Yes-1	
3.17.6.7.2				
3.17.6.8	Valve position indication (safety valve, PZR PORV) requirements and actions	Relocated	No	See Section 3.3 Discussion of Change R.3
3.17.6.9				
3.17.6.10				
3.17.6.11	Service Water Break Detection Actions	Relocated	No	See Section 3.3 Discussion of Change R.3
3.17.6.12.1	ΔT flux channel requirements and actions	3.3.1	Yes-3	
3.17.6.12.2				
3.17.6.13	Rod group sequence channel requirements and actions	3.1.6	Yes-2	
3.17.6.14	Boric acid tank level alarm requirements and actions	Relocated	No	See Section 3.1 Discussion of Change R.1
3.17.6.15	Excore and axial shape alarm requirements and actions	Relocated	No	See Section 3.2 Discussion of Change R.1
3.17.6.16				

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.17.6.17	SDC suction valve interlock requirements and actions	3.4.14	Yes-2	
3.17.6.18	Power dependent insertion alarm requirements and actions	3.1.6	Yes-2	
3.17.6.19	Fuel pool area radiation monitoring requirements and actions	Relocated	No	See Section 3.3 Discussion of Change R.4
3.17.6.20	Containment refueling radiation monitor requirements and actions	3.3.6	Yes-4	
3.17.6.21	Safety function instrumentation actions	3.1.4 3.1.6 3.4.14 3.4.15	Yes-2, 3 Yes-2 Yes-2 Yes-1	
Table 3.17.6 Items 3, 4, 5, 6	Instrumentation	Relocated	No	See Section 3.3 Discussion of Change R.2
Table 3.17.6 Items 8, 9, 10, 11,	Instrumentation	Relocated	No	See Section 3.3 Discussion of Change R.3
Table 3.17.6 Item 14	Instrumentation	Relocated	No	See Section 3.1 Discussion of Change R.1
Table 3.17.6 Items 15, 16	Instrumentation	Relocated	No	See Section 3.2 Discussion of Change R.1
Table 3.17.6 Item 19	Instrumentation	Relocated	No	See Section 3.3 Discussion of Change R.4
3.18	Deleted in CTS			
3.19	Iodine removal system specification	3.5.5	Yes-3	
3.20	Deleted in CTS			
3.21	Deleted in CTS			
3.22	Deleted in CTS			
3.23	POWER DISTRIBUTION LIMITS			

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CURRENT TS	CURRENT TITLE/SUBJECT	NEW TS NUMBER	RETAINED-CRITERION FOR INCLUSION	NOTES
3.23.1	Linear Heat Rate (LHR) specification	3.2.1	Yes-2	
3.23.2	Radial peaking factors specification	3.2.2	Yes-2	
3.23.3	Quadrant Power Tilt	3.2.3	Yes-2	
Table 4.2.2 Item 5	Refueling System Interlocks	Relocated	No	See Section 3.9 Discussion of Change R.5
4.12	Augmented Inservice Inspection Program for High Energy Line Breaks Outside of Containment	Relocated	No	See Section 3.7 Discussion of Change R.1
5.0	DESIGN FEATURES	4.0	Yes-N/A	Application of Technical Specification selection criteria is not appropriate. However, specific portions of Design Features will be included in Technical Specifications as required by 10 CFR 50.36. The content of this section has been revised to be consistent with Rev. 1 of NUREG-1432.
6.0	ADMINISTRATIVE CONTROLS	5.0	Yes-N/A	Application of TS selection criteria is not appropriate. However, specific portions of Administrative Controls will be included in TS as required by 10 CFR 50.36.