

From: <mriggs1@txu.com>
To: <MCT@nrc.gov>
Date: 5/14/04 10:05AM
Subject: LAR 02-06 Print-Ready TS page changes

To: Mr. Mohan C. Thadani, NRC Project Manager

Re: CPSES LAR 02-06 "DC Electrical Rewrite" based on TSTF-360, R.1

Subject: Print-Ready TS page changes

As requested, attached is a "print ready" electronic copy of the TS page changes for CPSES License Amendment Request (LAR) 02-06, "DC Electrical Rewrite." These pages (listed below) are replacement pages that incorporate the proposed LAR changes into the current version (as of 5/14/04) of the CPSES Technical Specifications. As we earlier discussed, each page contains change bars in the page margins and a strike-through of the last prior amendment number with sufficient space included for the new amendment number to be added upon its issuance.

Please note that it was necessary to repaginate some pages. Where repagination required more than one page to be combined, a strike-through of the list of prior amendments from the combined previous pages is shown. Where a new page is added (i.e., 5.5-28a), no prior amendment strike-through is provided. Because Page 5.5-28 previously contained the end-of-section double-line marker, this page was reissued so that the end-of-section marker could be moved to the following page 5.5.28a and placed after the new 5.5.19 "Battery Monitoring and Maintenance Program."

If I can be of any further assistance, please call me at CPSES Regulatory Affairs (254) 897-5218.

Mike Riggs

Affected pages:	
Remove prior pages	Replace with new pages
iii	iii
3.8-24 thru 3.8-27	3.8-24 thru 3.8-27
3.8-29 thru 3.8-33	3.8-29 thru 3.8-33
5.0-28	5.0-28
---	(add) 5.0-28a

The following Adobe PDF file contains only the updated print-ready TS pages for changes requested by LAR 02-06.

(See attached file: LAR 02-06 Master.pdf)

CC: <dbuschb1@txu.com>, <fred.madden@txu.com>

DOCKET #S * 5
 50-445
 50-446

Mail Envelope Properties (40A4D221.EBF : 10 : 11967)

Subject: LAR 02-06 Print-Ready TS page changes
Creation Date: 5/14/04 9:58AM
From: <mriggs1@txu.com>

Created By: mriggs1@txu.com

Recipients

nrc.gov
 owf4_po.OWFN_DO
 MCT (Mohan Thadani)

txu.com
 fred.madden CC
 dbuschb1 CC

Post Office
 owf4_po.OWFN_DO

Route
 nrc.gov
 txu.com

Files	Size	Date & Time
MESSAGE	1945	05/14/04 09:58AM
LAR 02-06 Master.pdf	130687	
Mime.822	182763	

Options

Expiration Date: None
Priority: Standard
Reply Requested: No
Return Notification: None

Concealed Subject: No
Security: Standard

TABLE OF CONTENTS (continued)

3.7	PLANT SYSTEMS.....	3.7-1
3.7.1	Main Steam Safety Valves (MSSVs).....	3.7-1
3.7.2	Main Steam Isolation Valves (MSIVs).....	3.7-6
3.7.3	Feedwater Isolation Valves (FIVs) and Associated Bypass Valves.....	3.7-8
3.7.4	Steam Generator Atmospheric Relief Valves (ARVs).....	3.7-10
3.7.5	Auxiliary Feedwater (AFW) System.....	3.7-12
3.7.6	Condensate Storage Tank (CST).....	3.7-16
3.7.7	Component Cooling Water (CCW) System.....	3.7-17
3.7.8	Station Service Water System (SSWS)	3.7-19
3.7.9	Ultimate Heat Sink (UHS).....	3.7-22
3.7.10	Control Room Emergency Filtration/Pressurization System (CREFS)	3.7-23
3.7.11	Control Room Air Conditioning System (CRACS).....	3.7-26
3.7.12	Primary Plant Ventilation System (PPVS) - ESF Filtration Trains.....	3.7-29
3.7.13	Fuel Building Air Cleanup System (FBACS) - Not used.....	3.7-32
3.7.14	Penetration Room Exhaust Air Cleanup System (PREACS) - Not used	3.7-33
3.7.15	Fuel Storage Area Water Level	3.7-34
3.7.16	Fuel Storage Pool Boron Concentration.....	3.7-35
3.7.17	Spent Fuel Assembly Storage	3.7-36
3.7.18	Secondary Specific Activity.....	3.7-42
3.7.19	Safety Chilled Water System.....	3.7-43
3.7.20	UPS HVAC System.....	3.7-45
3.8	ELECTRICAL POWER SYSTEMS.....	3.8-1
3.8.1	AC Sources - Operating	3.8-1
3.8.2	AC Sources - Shutdown	3.8-17
3.8.3	Diesel Fuel Oil, Lube Oil, and Starting Air.....	3.8-21
3.8.4	DC Sources - Operating	3.8-24
3.8.5	DC Sources - Shutdown.....	3.8-28
3.8.6	Battery Parameters	3.8-30
3.8.7	Inverters - Operating	3.8-34
3.8.8	Inverters - Shutdown	3.8-36
3.8.9	Distribution Systems - Operating.....	3.8-38
3.8.10	Distribution Systems - Shutdown	3.8-40

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.4 DC Sources - Operating

LCO 3.8.4 The Train A and Train B DC electrical power subsystems shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or two required battery chargers on one train inoperable.	A.1 Restore affected battery(ies) terminal voltage to greater than or equal to the minimum established float voltage.	2 hours
	<u>AND</u>	
	A.2 Verify affected battery(ies) float current \leq 2 amps.	Once per 12 hours
	<u>AND</u>	
	A.3 Restore required battery charger(s) to OPERABLE status.	7 days
B. One or two batteries on one train inoperable.	B.1 Restore affected battery(ies) to OPERABLE status.	2 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One DC electrical power subsystem inoperable for reasons other than Condition A or B.	C.1 Restore DC electrical power subsystem to OPERABLE status.	2 hours
D. Required Action and Associated Completion Time not met.	D.1 Be in MODE 3.	6 hours
	<u>AND</u> D.2 Be in MODE 5.	36 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.4.1 Verify battery terminal voltage is greater than or equal to the minimum established float voltage.</p>	<p>7 days</p>
<p>SR 3.8.4.2 Verify each battery charger supplies ≥ 300 amps at greater than or equal to the minimum established charger test voltage for ≥ 8 hours.</p> <p><u>OR</u></p> <p>Verify each battery charger can recharge the battery to the fully charged state within 24 hours while supplying the largest combined demands of the various continuous steady state loads, after a battery discharge to the bounding design basis event discharge state.</p>	<p>18 months</p>

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.4.3 -----NOTES-----</p> <ol style="list-style-type: none"> 1. The modified performance discharge test in SR 3.8.6.6 may be performed in lieu of SR 3.8.4.3. 2. Verify requirement during MODES 3, 4, 5, 6 or with core off-loaded. <p>-----</p> <p>Verify battery capacity is adequate to supply, and maintain in OPERABLE status, the required emergency loads for the design duty cycle when subjected to a battery service test.</p>	<p>18 months</p>

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. (continued)	A.2.4 Initiate action to restore required DC electrical power subsystem to OPERABLE status.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.5.1 -----NOTE----- The following SRs are not required to be performed: SR 3.8.4.2 and SR 3.8.4.3.</p> <p>-----</p> <p>For DC sources required to be OPERABLE, the following SRs are applicable:</p> <p>SR 3.8.4.1 SR 3.8.4.2 SR 3.8.4.3.</p>	<p>In accordance with applicable SRs</p>

3.8 ELECTRICAL POWER SYSTEMS

3.8.6 Battery Parameters

LCO 3.8.6 Battery parameters for Train A and Train B batteries shall be within limits.

APPLICABILITY: When associated DC electrical power subsystems are required to be OPERABLE

ACTIONS

-----NOTE-----
Separate Condition entry is allowed for each battery.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or two batteries on one train with one or more battery cells float voltage < 2.07 V.	A.1 Perform SR 3.8.4.1	2 hours
	<u>AND</u>	
	A.2 Perform SR 3.8.6.1	2 hours
	<u>AND</u>	
	A.3 Restore affected cell(s) float voltage ≥ 2.07 V.	24 hours
B. One or two batteries on one train with float current > 2 amps.	B.1 Perform SR 3.8.4.1	2 hours
	<u>AND</u>	
	B.2 Restore affected battery(ies) float current to ≤ 2 amps.	12 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>-----NOTE----- Required Action C.2 shall be completed if electrolyte level was below the top of plates. -----</p> <p>C. One or two batteries on one train with one or more cells electrolyte level less than minimum established design limits.</p>	<p>-----NOTE----- Required Actions C.1 and C.2 are only applicable if electrolyte level was below the top of plates. -----</p> <p>C.1 Restore affected cell(s) electrolyte level to above the top of the plates.</p> <p><u>AND</u></p> <p>C.2 Verify no evidence of leakage.</p> <p><u>AND</u></p> <p>C.3 Restore affected cell(s) electrolyte level to greater than or equal to minimum established design limits.</p>	<p>8 hours</p> <p>12 hours</p> <p>31 days</p>
<p>D. One or two batteries on one train with pilot cell electrolyte temperature less than minimum established design limits.</p>	<p>D.1 Restore battery pilot cell(s) electrolyte temperature to greater than or equal to minimum established design limits.</p>	<p>12 hours</p>
<p>E. One or more batteries in redundant trains with battery parameters not within limits.</p>	<p>E.1 Restore battery parameters for batteries in one train to within limits.</p>	<p>2 hours</p>

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>F. Required Action and associated Completion Time of Condition A, B, C, D, or E not met.</p> <p><u>OR</u></p> <p>One or two batteries on one train with one or more battery cells float voltage < 2.07 V and float current > 2 amps.</p>	<p>F.1 Declare associated battery(ies) inoperable.</p>	<p>Immediately</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.6.1 -----NOTE----- Not required to be met when battery terminal voltage is less than the minimum established float voltage of SR 3.8.4.1 -----</p> <p>Verify each battery float current is ≤ 2 amps.</p>	<p>7 days</p>
<p>SR 3.8.6.2 Verify each battery pilot cell voltage is ≥ 2.07 V.</p>	<p>31 days</p>
<p>SR 3.8.6.3 Verify each battery connected cell electrolyte level is greater than or equal to minimum established design limits.</p>	<p>31 days</p>

(continued)

SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE	FREQUENCY
SR 3.8.6.4 Verify each battery pilot cell temperature is greater than or equal to minimum established design limits.	31 days
SR 3.8.6.5 Verify each battery connected cell voltage is ≥ 2.07 V.	92 days
SR 3.8.6.6 -----NOTE----- Verify requirement during MODES 3, 4, 5, 6 or with core off-loaded. ----- Verify battery capacity is ≥ 80 % of the manufacturer's rating when subjected to a performance discharge test or a modified performance discharge test.	60 months <u>AND</u> 18 months when battery shows degradation or has reached 85% of expected life with capacity < 100% of manufacturer's rating <u>AND</u> 24 months when battery has reached 85% of the expected life with capacity ≥ 100 % of manufacturer's rating

5.5 Programs and Manuals (continued)

5.5.17 Technical Requirements Manual (TRM)

The TRM contains selected requirements which do not meet the criteria for inclusion in the Technical Specification but are important to the operation of CPSES. Much of the information in the TRM was relocated from the TS.

Changes to the TRM shall be made under appropriate administrative controls and reviews. Changes may be made to the TRM without prior NRC approval provided the changes do not require either a change to the TS or NRC approval pursuant to 10 CFR 50.59. TRM changes require approval of the Plant Manager*.

5.5.18 Configuration Risk Management Program (CRMP)

The Configuration Risk Management Program (CRMP) provides a proceduralized risk-informed assessment to manage the risk associated with equipment inoperability. The program applies to technical specification structures, systems, or components for which a risk-informed Completion Time has been granted. The program shall include the following elements:

- a. Provisions for the control and implementation of a Level 1, at-power, internal events PRA-informed methodology. The assessment shall be capable of evaluating the applicable plant configuration.
- b. Provisions for performing an assessment prior to entering the LCO Action for preplanned activities.
- c. Provisions for performing an assessment after entering the LCO Action for unplanned entry into the LCO Action.
- d. Provisions for assessing the need for additional actions after the discovery of additional equipment out of service conditions while in the LCO Action.
- e. Provisions for considering other applicable risk significant contributors such as Level 2 issues, and external events, qualitatively or quantitatively.

(continued)

* Duties may be performed by the Vice President of Nuclear Operations if that organizational position is assigned.

5.5 Programs and Manuals (continued)

5.5.19 Battery Monitoring and Maintenance Program

This Program provides for restoration and maintenance, based on the recommendations of IEEE Standard 450, "IEEE Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications," or of the battery manufacturer for the following:

- a. Actions to restore battery cells with float voltage < 2.13 V, and
 - b. Actions to equalize and test battery cells that had been discovered with electrolyte level below the top of the plates.
-
-

TABLE OF CONTENTS (continued)

3.7	PLANT SYSTEMS.....	3.7-1
3.7.1	Main Steam Safety Valves (MSSVs).....	3.7-1
3.7.2	Main Steam Isolation Valves (MSIVs).....	3.7-6
3.7.3	Feedwater Isolation Valves (FIVs) and Associated Bypass Valves.....	3.7-8
3.7.4	Steam Generator Atmospheric Relief Valves (ARVs).....	3.7-10
3.7.5	Auxiliary Feedwater (AFW) System.....	3.7-12
3.7.6	Condensate Storage Tank (CST).....	3.7-16
3.7.7	Component Cooling Water (CCW) System.....	3.7-17
3.7.8	Station Service Water System (SSWS)	3.7-19
3.7.9	Ultimate Heat Sink (UHS).....	3.7-22
3.7.10	Control Room Emergency Filtration/Pressurization System (CREFS)	3.7-23
3.7.11	Control Room Air Conditioning System (CRACS).....	3.7-26
3.7.12	Primary Plant Ventilation System (PPVS) - ESF Filtration Trains.....	3.7-29
3.7.13	Fuel Building Air Cleanup System (FBACS) - Not used.....	3.7-32
3.7.14	Penetration Room Exhaust Air Cleanup System (PREACS) - Not used	3.7-33
3.7.15	Fuel Storage Area Water Level	3.7-34
3.7.16	Fuel Storage Pool Boron Concentration.....	3.7-35
3.7.17	Spent Fuel Assembly Storage	3.7-36
3.7.18	Secondary Specific Activity.....	3.7-42
3.7.19	Safety Chilled Water System.....	3.7-43
3.7.20	UPS HVAC System.....	3.7-45
3.8	ELECTRICAL POWER SYSTEMS.....	3.8-1
3.8.1	AC Sources - Operating	3.8-1
3.8.2	AC Sources - Shutdown	3.8-17
3.8.3	Diesel Fuel Oil, Lube Oil, and Starting Air.....	3.8-21
3.8.4	DC Sources - Operating	3.8-24
3.8.5	DC Sources - Shutdown.....	3.8-28
3.8.6	Battery Parameters	3.8-30
3.8.7	Inverters - Operating	3.8-34
3.8.8	Inverters - Shutdown	3.8-36
3.8.9	Distribution Systems - Operating.....	3.8-38
3.8.10	Distribution Systems - Shutdown	3.8-40

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.4 DC Sources - Operating

LCO 3.8.4 The Train A and Train B DC electrical power subsystems shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or two required battery chargers on one train inoperable.	A.1 Restore affected battery(ies) terminal voltage to greater than or equal to the minimum established float voltage.	2 hours
	<u>AND</u>	
	A.2 Verify affected battery(ies) float current \leq 2 amps.	Once per 12 hours
	<u>AND</u>	
	A.3 Restore required battery charger(s) to OPERABLE status.	7 days
B. One or two batteries on one train inoperable.	B.1 Restore affected battery(ies) to OPERABLE status.	2 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One DC electrical power subsystem inoperable for reasons other than Condition A or B.	C.1 Restore DC electrical power subsystem to OPERABLE status.	2 hours
D. Required Action and Associated Completion Time not met.	D.1 Be in MODE 3.	6 hours
	<u>AND</u> D.2 Be in MODE 5.	36 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.4.1 Verify battery terminal voltage is greater than or equal to the minimum established float voltage.</p>	<p>7 days</p>
<p>SR 3.8.4.2 Verify each battery charger supplies ≥ 300 amps at greater than or equal to the minimum established charger test voltage for ≥ 8 hours.</p> <p><u>OR</u></p> <p>Verify each battery charger can recharge the battery to the fully charged state within 24 hours while supplying the largest combined demands of the various continuous steady state loads, after a battery discharge to the bounding design basis event discharge state.</p>	<p>18 months</p>

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.4.3 -----NOTES-----</p> <ol style="list-style-type: none"> 1. The modified performance discharge test in SR 3.8.6.6 may be performed in lieu of SR 3.8.4.3. 2. Verify requirement during MODES 3, 4, 5, 6 or with core off-loaded. <p>-----</p> <p>Verify battery capacity is adequate to supply, and maintain in OPERABLE status, the required emergency loads for the design duty cycle when subjected to a battery service test.</p>	<p>18 months</p>

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. (continued)	A.2.4 Initiate action to restore required DC electrical power subsystem to OPERABLE status.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.5.1 -----NOTE----- The following SRs are not required to be performed: SR 3.8.4.2 and SR 3.8.4.3.</p> <p>For DC sources required to be OPERABLE, the following SRs are applicable:</p> <p>SR 3.8.4.1 SR 3.8.4.2 SR 3.8.4.3.</p>	<p>In accordance with applicable SRs</p>

3.8 ELECTRICAL POWER SYSTEMS

3.8.6 Battery Parameters

LCO 3.8.6 Battery parameters for Train A and Train B batteries shall be within limits.

APPLICABILITY: When associated DC electrical power subsystems are required to be OPERABLE

ACTIONS

-----NOTE-----

Separate Condition entry is allowed for each battery.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or two batteries on one train with one or more battery cells float voltage < 2.07 V.	A.1 Perform SR 3.8.4.1	2 hours
	<u>AND</u>	
	A.2 Perform SR 3.8.6.1	2 hours
	<u>AND</u>	
	A.3 Restore affected cell(s) float voltage \geq 2.07 V.	24 hours
B. One or two batteries on one train with float current > 2 amps.	B.1 Perform SR 3.8.4.1	2 hours
	<u>AND</u>	
	B.2 Restore affected battery(ies) float current to \leq 2 amps.	12 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>-----NOTE----- Required Action C.2 shall be completed if electrolyte level was below the top of plates.</p> <hr/> <p>C. One or two batteries on one train with one or more cells electrolyte level less than minimum established design limits.</p>	<p>-----NOTE----- Required Actions C.1 and C.2 are only applicable if electrolyte level was below the top of plates.</p> <hr/> <p>C.1 Restore affected cell(s) electrolyte level to above the top of the plates.</p> <p><u>AND</u></p> <p>C.2 Verify no evidence of leakage.</p> <p><u>AND</u></p> <p>C.3 Restore affected cell(s) electrolyte level to greater than or equal to minimum established design limits.</p>	<p>8 hours</p> <p>12 hours</p> <p>31 days</p>
<p>D. One or two batteries on one train with pilot cell electrolyte temperature less than minimum established design limits.</p>	<p>D.1 Restore battery pilot cell(s) electrolyte temperature to greater than or equal to minimum established design limits.</p>	<p>12 hours</p>
<p>E. One or more batteries in redundant trains with battery parameters not within limits.</p>	<p>E.1 Restore battery parameters for batteries in one train to within limits.</p>	<p>2 hours</p>

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>F. Required Action and associated Completion Time of Condition A, B, C, D, or E not met.</p> <p><u>OR</u></p> <p>One or two batteries on one train with one or more battery cells float voltage < 2.07 V and float current > 2 amps.</p>	<p>F.1 Declare associated battery(ies) inoperable.</p>	<p>Immediately</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.6.1 -----NOTE----- Not required to be met when battery terminal voltage is less than the minimum established float voltage of SR 3.8.4.1</p> <p>Verify each battery float current is ≤ 2 amps.</p>	<p>7 days</p>
<p>SR 3.8.6.2 Verify each battery pilot cell voltage is ≥ 2.07 V.</p>	<p>31 days</p>
<p>SR 3.8.6.3 Verify each battery connected cell electrolyte level is greater than or equal to minimum established design limits.</p>	<p>31 days</p>

(continued)

SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.6.4 Verify each battery pilot cell temperature is greater than or equal to minimum established design limits.</p>	<p>31 days</p>
<p>SR 3.8.6.5 Verify each battery connected cell voltage is ≥ 2.07 V.</p>	<p>92 days</p>
<p>SR 3.8.6.6 -----NOTE----- Verify requirement during MODES 3, 4, 5, 6 or with core off-loaded. -----</p> <p>Verify battery capacity is ≥ 80 % of the manufacturer's rating when subjected to a performance discharge test or a modified performance discharge test.</p>	<p>60 months</p> <p><u>AND</u></p> <p>18 months when battery shows degradation or has reached 85% of expected life with capacity < 100% of manufacturer's rating</p> <p><u>AND</u></p> <p>24 months when battery has reached 85% of the expected life with capacity ≥ 100% of manufacturer's rating</p>

5.5 Programs and Manuals (continued)

5.5.17 Technical Requirements Manual (TRM)

The TRM contains selected requirements which do not meet the criteria for inclusion in the Technical Specification but are important to the operation of CPSES. Much of the information in the TRM was relocated from the TS.

Changes to the TRM shall be made under appropriate administrative controls and reviews. Changes may be made to the TRM without prior NRC approval provided the changes do not require either a change to the TS or NRC approval pursuant to 10 CFR 50.59. TRM changes require approval of the Plant Manager*.

5.5.18 Configuration Risk Management Program (CRMP)

The Configuration Risk Management Program (CRMP) provides a proceduralized risk-informed assessment to manage the risk associated with equipment inoperability. The program applies to technical specification structures, systems, or components for which a risk-informed Completion Time has been granted. The program shall include the following elements:

- a. Provisions for the control and implementation of a Level 1, at-power, internal events PRA-informed methodology. The assessment shall be capable of evaluating the applicable plant configuration.
- b. Provisions for performing an assessment prior to entering the LCO Action for preplanned activities.
- c. Provisions for performing an assessment after entering the LCO Action for unplanned entry into the LCO Action.
- d. Provisions for assessing the need for additional actions after the discovery of additional equipment out of service conditions while in the LCO Action.
- e. Provisions for considering other applicable risk significant contributors such as Level 2 issues, and external events, qualitatively or quantitatively.

(continued)

* Duties may be performed by the Vice President of Nuclear Operations if that organizational position is assigned.

5.5 Programs and Manuals (continued)

5.5.19 Battery Monitoring and Maintenance Program

This Program provides for restoration and maintenance, based on the recommendations of IEEE Standard 450, "IEEE Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications," or of the battery manufacturer for the following:

- a. Actions to restore battery cells with float voltage < 2.13 V, and
 - b. Actions to equalize and test battery cells that had been discovered with electrolyte level below the top of the plates.
-
-