



February 14, 2017
LIC-17-0026

10 CFR 72.44(f)
10 CFR 50.54(q)
10 CFR 50, Appendix E
10 CFR 50.4(b)(5)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Fort Calhoun Station, Unit No. 1
Renewed Facility Operating License No. DPR-40
NRC Docket No. 50-285

Fort Calhoun Station
Independent Spent Fuel Storage Installation
NRC Docket No. 72-054

SUBJECT: Emergency Plan Update

In accordance with 10 CFR 72.44(f), 10 CFR 50.54(q), 10 CFR 50, Appendix E, Section V, and 10 CFR 50.4(b)(5), please find the page 2-20 of procedure EP-FC-1001 Addendum 3 Rev 3 enclosed for the Document Control Desk (holder of Copy 165) and the NRC Region IV Branch 1 Secretary (holder of Copies 154 and 155).

REMOVE SECTION	INSERT SECTION
EP-FC-1001 Addendum 3 Rev 3 page 2-20 issued 12-29-2016	EP-FC-1001 Addendum 3 Rev 3 page 2-20 issued 02-02-2017

This change was reviewed and does not constitute a decrease in effectiveness. No commitments are made in this letter. If you have any questions regarding the previous transmittal, please contact Mr. Eric Plautz at 402-533-7308.

Sincerely,

Bradley H. Blome
Director - Licensing and Reg Assurance

BHB/mec

- c: NRC Region IV Plant Support Branch 1 Secretary (2 sets)
- C.F. Lyon, NRC Project Manager (w/o enclosures)
- S. M. Schneider, NRC Senior Resident Inspector (w/o enclosures)
- Emergency Planning Department (w/o enclosures)

AX45
NMSS26
NRR
NMSS

EP-FC-1001 Addendum 3 Revision 3 Cold Matrix, Page 2-20

Summary of analysis:

Page 2-20 of the Cold Matrix corrected a typographical number sequence error and was reissued on 02/02/2017 as EP-FC-1001 Addendum 3 Rev 3. This does not constitute a change in the Emergency Plan as defined in 50.54 (q) 3.

Enclosed is the replacement page 2-20 of EP-FC-1001 Addendum 3 Rev 3.

The editorial error that was changed in this procedure did not have a reduction in effectiveness to the EAL scheme.

GENERAL EMERGENCY	SITE AREA EMERGENCY	ALERT	UNUSUAL EVENT
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Hazards and Other conditions Affecting Plant Safety

Fire			<p>HU3 FIRE potentially degrading the level of safety of the plant. 1 2 3 4 5 D</p> <p>Emergency Action Levels (EAL) :</p> <p>Note: The Emergency Director should declare the event promptly upon determining that the applicable time has been exceeded, or will likely be exceeded.</p> <ol style="list-style-type: none"> 1. A FIRE in ANY Table H2 area is not extinguished in ≤ 15 minutes of ANY of the following FIRE detection indications: <ul style="list-style-type: none"> • Report from the field (i.e., visual observation) • Receipt of multiple (more than 1) fire alarms or indications • Field verification of a single fire alarm OR 2. Receipt of a single fire alarm in ANY Table H2 area (i.e., no other indications of a FIRE). <p>AND</p> <p>The existence of a FIRE is not verified in ≤ 30 minutes of alarm receipt.</p> OR 3. A FIRE within the plant PROTECTED AREA not extinguished in ≤ 60-minutes of the initial report, alarm or indication. <p>OR</p> 4. A FIRE within the plant PROTECTED AREA that requires firefighting support by an offsite fire response agency to extinguish.
Earthquake			<p>HU4 Seismic event greater than OBE levels 1 2 3 4 5 D</p> <p>Emergency Action Levels (EAL) :</p> <p>Note: For emergency classification if EAL 2 is not able to be confirmed, then the occurrence of a seismic event is confirmed in manner deemed appropriate by the Shift Manager or Emergency Director in < 15 mins of the event.</p> <p>Seismic event > Operating Basis Earthquake (OBE) as indicated by</p> <ol style="list-style-type: none"> 1. Control Room personnel feel an actual or potential seismic event. <p>AND</p> 2. ANY one of the following confirmed in ≤ 15 mins of the event: <ul style="list-style-type: none"> • The earthquake resulted in Modified Mercalli Intensity (MMI) VI or greater within 3.5 miles of the plant • The earthquake was felt within the plant and was of magnitude 6.0 or greater • The earthquake was of magnitude 5.0 or greater and occurred within 125 miles of the plant

Table H2 Vital Areas
<ul style="list-style-type: none"> • Containment Building • Auxiliary Building • Intake Structure • FW-54 • Main and Auxiliary Transformer Yard

Mode: 1 – Power Operations 2 – Hot Standby 3 – Hot Shutdown 4 – Cold Shutdown 5 – Refueling Shutdown D – Defueled