

Intracompany Correspondence



DATE: June 24, 2003

NL-03-1388

RE: Vogtle Electric Generating Plant
Revision to Technical Requirements Manual

FROM: N. J. Stringfellow

A handwritten signature in black ink, appearing to read "N. J. Stringfellow".

TO: Technical Requirements Manual Holders

Enclosed are revised pages for the Technical Requirements Manual. This revision provides clarification to the required actions, completion times, and instrumentation and surveillance identified in TRM Table 13.3.2-1. This change was approved with LDCR 2003018.

NJS/TDH

Attachment: Instructions and Change Pages

cc: SNC Document Services - RType: CVA02.002

A001

**VOGTLE ELECTRIC GENERATING PLANT
TECHNICAL REQUIREMENTS MANUAL
Revision Insertion Instructions
June 24, 2003**

<u>Page/Section</u>	<u>Instructions</u>
List of Effective Pages	Replace.
p. 13.3-3 / - 4	Replace.
p. 13.3-5 / - 6	Replace.
p. 13.3-7 / - 8	Replace.
Transmittal letter and these instructions	Discard after use.
Acknowledgment Receipt	Sign and return.

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13.3 Instrumentation

TR 13.3.2 Seismic Monitoring Instrumentation (common system)

TR 13.3.2 The seismic monitoring instrumentation identified in Table 13.3.2-1 shall be OPERABLE.

APPLICABILITY: At all times.

ACTIONS

~~NOTE~~
TR 13.0.3 is not applicable.

CONDITION	REQUIRED ACTION	COMPLETION TIME
NOTE Separate Condition entry is allowed for each seismic monitoring instrument.		
A. One or more required seismic monitoring instruments inoperable.	A.1 Restore instrumentation to OPERABLE status.	30 days
B. Required ACTION and associated Completion Time of Condition A not met.	B.1 Prepare and submit a report to the NRC in accordance with 10 CFR 50.4 outlining the cause of the malfunction and the plans for restoring the instrument(s) to OPERABLE status.	10 days

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>C. One or more required seismic monitoring instruments actuated during a seismic event $\geq 0.01g$.</p>	<p>C.1 Evaluate data retrieved from actuated free-field instrumentation.</p>	<p>4 hours</p>
	<p>AND</p> <p>C.2 <u>NOTE</u> The CHANNEL OPERATIONAL TEST conducted after a seismic event shall be supplemented by the instrument evaluation described in section 4.3 of NRC Regulatory Guide 1.166.</p>	<p>14 days</p>
	<p>AND</p> <p>Conduct a CHANNEL OPERATIONAL TEST on actuated free-field instrumentation.</p>	<p>4 hours</p>
	<p>AND</p> <p>C.3 Evaluate data retrieved from remaining actuated instrumentation.</p>	<p>14 days</p>
	<p>AND</p> <p>C.4 <u>NOTE</u> The CHANNEL OPERATIONAL TEST conducted after a seismic event shall be supplemented by the instrument evaluation described in section 4.3 of NRC Regulatory Guide 1.166.</p> <p>Perform a CHANNEL OPERATIONAL TEST on remaining actuated instrumentation.</p>	<p>14 days</p>

(continued)

ACTIONS		
CONDITION	REQUIRED ACTION	COMPLETION TIME
C. (continued)	AND C.5 Prepare and submit a report to the NRC in accordance with 10 CFR 50.4 describing the magnitude, frequency spectrum, results of instrument evaluations, and resultant effect upon facility features important to safety.	14 days

TECHNICAL REQUIREMENT SURVEILLANCES

NOTE

Refer to Table 13.3.2-1 to determine which SRs apply for each seismic monitoring instrument.

SURVEILLANCE	FREQUENCY
TRS 13.3.2.1 Perform CHANNEL CHECK.	31 days
TRS 13.3.2.2 Perform CHANNEL OPERATIONAL TEST.	184 days
TRS 13.3.2.3 Perform CHANNEL CALIBRATION.	18 months

Table 13.3.2-1 (page 1 of 2)

Seismic Monitoring Instrumentation

Instruments and Sensor Locations	Measurement Range or Setting	Required Number of Instruments and Tag Number	Surveillance Requirements
1. Triaxial Time-History Accelerograph with Internal Force Balance Accelerometer			
a. Free Field (~2000 ft from containment)	-1g to + 1g	1 (AXR-19931)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
2. Triaxial Force Balance Accelerometers			
a. Field (~ 225 ft from containment)	-1g to + 1g	1 (AXT-19900)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
b. Unit 1 Containment Gallery (basemat)	-1g to + 1g	1 (AXT-19901)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
c. Unit 1 Containment Operating Floor	-1g to + 1g	1 (AXT-19902)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
d. Unit 1 Containment Bioshield Wall	-1g to + 1g	1 (AXT-19903)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
e. Auxiliary Building Level 1	-1g to + 1g	1 (AXT-19905)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
f. Auxiliary Building Basemat	-1g to + 1g	1 (AXT-19906)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3
g. Diesel Generator Building Slab Floor	-1g to + 1g	1 (AXT-19925)	TRS 13.3.2.1 TRS 13.3.2.2 TRS 13.3.2.3

Table 13.3.2-1 (page 2 of 2)

Seismic Monitoring Instrumentation

Instruments and Sensor Locations	Measurement Range or Setting	Required Number of Instruments and Tag Number	Surveillance Requirements
<p>3. Triaxial Time-History Accelerographs (Recorders)</p>			
<p>a. Control Room</p>	<p>-1g to + 1g</p>	<p>4 (AXR-19928A) (AXR-19928B) (AXR-19928C) (AXR-19928D)</p>	<p>TRS 13.3.2.1 TRS 13.3.2.2</p>
<p>4. Central Controlling Unit to include a computer, keyboard, LCD display, printer, alarm panel, and uninterruptible power supply.</p>			
<p>a. Control Room</p>	<p>N/A</p>	<p>6 (A-2414-Q5-SIP-CP1) (A-2414-Q5-SIP-KB1) (AXI-19928) (A-2414-Q5-SIP-PR1) (AXA-19928) (A-2414-Q5-SIP-UPS)</p>	<p>TRS 13.3.2.1 TRS 13.3.2.2</p>

13.3 Instrumentation

TR 13.3.3 Meteorological Instrumentation (common system)

TR 13.3.3 The meteorological monitoring instrumentation channels identified in Table 13.3.3-1 shall be OPERABLE.

APPLICABILITY: At all times.

ACTIONS

NOTE

1. TR 13.0.3 is not applicable.
2. Separate Condition entry is allowed for each meteorological monitoring instrument channel.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more required meteorological monitoring instrument channels inoperable.	A.1 Restore instrumentation to OPERABLE status.	7 days
B. Required ACTION and associated Completion Time of Condition A not met.	B.1 Prepare and submit a report to the NRC in accordance with 10 CFR 50.4 outlining the cause of the malfunction and the plans for restoring the instrument(s) to OPERABLE status.	10 days

TECHNICAL REQUIREMENT SURVEILLANCES

SURVEILLANCE	FREQUENCY
TRS 13.3.3.1 Perform a CHANNEL CHECK on each meteorological monitoring channel identified in Table 13.3.3-1.	24 hours
TRS 13.3.3.2 Perform a CHANNEL CALIBRATION on each meteorological monitoring channel identified in Table 13.3.3-1.	184 days