

# Attachment 1

## **VOGTLE ELECTRIC GENERATING PLANT**

### **CHANGE MATRIX**

#### **Purpose**

The purpose of this attachment is to identify the commitments in the current Vogtle Electric Generating Plant Emergency Plan Revision 63, identify the equivalent or modified commitment in the integrated Fleet Emergency Plan and Vogtle Site Annex, and justifies on a commitment by commitment basis the proposed License Amendment

# VOGTLE ELECTRIC GENERATING PLANT

## CHANGE MATRIX

<b>Current Vogtle Emergency Plan Revision 63</b>	<b>Revised SNC Emergency Plan</b>	<b>Justification</b>
<p>PREFACE</p> <p>The Vogtle Electric Generating Plant (VEGP) is a two-unit pressurized water reactor operated by Southern Nuclear Operating Company (SNC). The plant is on a 3169-acre site located in the eastern portion of Burke County, Georgia, approximately 23 river mi upstream from the intersection of the Savannah River with U.S. Highway 301, as shown on figure i. Figure ii shows the site and the locations of the buildings on the site. The locations of the VEGP emergency facilities are shown on figure ii.</p>	<p>1.1 Facility Description</p> <p>The Vogtle Electric Generating Plant (VEGP) Units 1 and 2 are a two unit pressurized water reactor. The plant site, to include VEGP Units 1-4, is on a 3169-acre site located in the eastern portion of Burke County, Georgia, approximately 23 river miles upstream from the intersection of the Savannah River with U.S. Highway 301.</p>	<p>The commitment wording was standardized and relocated to the Site Annex.</p>
<p>This Emergency Plan is applicable to VEGP, Units 1 and 2, and to its environs as specified by the emergency planning zones (EPZs): a plume exposure pathway EPZ, which nominally consists of the area within approximately 10 mi of the plant, and an ingestion exposure pathway EPZ, which extends to 50 mi. These distances are reckoned from a point midway between the centers of the Unit 1 and Unit 2 containment buildings for the 10 mile EPZ map. The two EPZs are shown in figures iii and iv.</p>	<p>1.2 Emergency Planning Zones (SEP J.10)</p> <p>1.2.1 Plume Exposure Pathway (SEP J.10)</p> <p>The 10-mile Emergency Planning Zone (EPZ) for VEGP approximates a 10-mile radius around the plant site and is depicted in Figure 1.2.A. Georgia and South Carolina, as well as the counties (Burke County in Georgia and Aiken, Barnwell, and Allendale Counties in South Carolina) are located within the plume exposure pathway EPZ. The major portion of the plume exposure pathway EPZ in South Carolina is within the Department of Energy's Savannah River Site (SRS).</p>	<p>The commitment wording was standardized and relocated to the Site Annex.</p>