

**MEMORANDUM OF UNDERSTANDING AMONG THE DEPARTMENT OF ENERGY SAVANNAH RIVER OPERATIONS OFFICE, THE SOUTH CAROLINA EMERGENCY MANAGEMENT DIVISION, AND THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL CONCERNING EMERGENCY PLANNING, PREPAREDNESS AND RESPONSE IN SOUTH CAROLINA FOR INCIDENTS AT THE SOUTHERN NUCLEAR OPERATING COMPANY VOGTLE ELECTRIC GENERATING PLANT**

**I. PURPOSE:**

This Memorandum of Understanding (MOU) establishes an agreement among the Department of Energy Savannah River Operations Office (DOE-SR), South Carolina Emergency Management Division (SCEMD), and the South Carolina Department of Health and Environmental Control (SCDHEC). It establishes emergency management (planning, preparedness and response) responsibilities relating to that portion of the Southern Nuclear Operating Company, Vogtle Electric Generating Plant (SNC-VEGP) Plume Exposure Emergency Planning Zone (EPZ) located within the Savannah River Site.

**II. AUTHORITIES & REFERENCES**

- A. Act 223, 1967 - South Carolina Atomic Energy and Radiation Control Act, as amended
- B. South Carolina Act Number 199, dated July 30, 1979
- C. SRS Emergency Plan, SCD-7
- D. DOE Region 3 RAP Response Plan, Q18 Vol. II
- E. Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011-2284
- F. DOE O 151.1C, Comprehensive Emergency Management System, November 2, 2005
- G. National Response Framework, January 22, 2008

**III. AGREEMENT:**

In accordance with the authorities delineated in Paragraph II above, the parties agree to the following:

- A. DOE-SR will:
  - 1. Exercise overall responsibility, jurisdiction, and authority for conducting onsite response operations to protect the health and safety of SRS personnel (e.g., DOE and DOE contractor/subcontractor employees and official visitors) and property in the event of a VEGP incident to include the following:
    - a. Receiving incident notifications from SNC-VEGP;
    - b. Emergency notification of SRS personnel;

- c. Coordination with SNC-VEGP concerning incident impact on SRS personnel or property;
  - d. Onsite radiological hazard assessment and implementation of appropriate protective actions to include shelter or evacuation of affected SRS Areas;
  - e. Monitoring and decontamination of SRS personnel when necessary;
  - f. Onsite radiological monitoring and assessment activities;
  - g. Onsite medical support except as indicated in Items III.A.2. and III.B.2. below;
  - h. Public information activities associated with VEGP incident impact on SRS personnel or property; and
  - i. Implementation of recovery and reentry operations.
2. Provide for emergency notification and as necessary, evacuation, monitoring, decontamination, and immediate life saving medical treatment of non-SRS personnel on site, to include the following:
  - a. The general public transiting SRS on SC Highway 125;
  - b. CSX Railroad employees on the SRS railroad right-of-way; and
  - c. Authorized hunters on SRS to include the Crackerneck area.
3. Provide for access control for SRS areas affected by a VEGP incident, to include closure of SC Highway 125 and CSX Railroad right-of-way through SRS, when necessary to protect SRS personnel and public health and safety;
4. Provide projected release dispersion information from SRS Weather Information and Display System (WINDS) calculations based on SNC-VEGP supplied source term data;
5. Coordinate with the DOE Region 3 Radiological Assistance Program (RAP) Coordinator, as necessary, to ensure RAP provides offsite radiological monitoring and assessment support upon request of the State of South Carolina following declaration of an "Alert" or higher emergency classification at VEGP;
6. Request the DOE Region 3 RAP Coordinator to provide advice to and coordinate support for the State of South Carolina regarding additional monitoring and assessment assistance available through the DOE/NNSA Radiological Emergency Response Assets.

7. Coordinate, SRS radiological monitoring and assessment activities conducted within South Carolina, to include SRS, with the State of South Carolina and SNC-VEGP;
8. Coordinate to the extent practical, SRS public information activities relating to a VEGP incident with the State of South Carolina and, SNC VEGP;
9. Deploy appropriate DOE and DOE contractor personnel (SRS Liaison) to the State Emergency Operations Center, when activated, to facilitate communications and coordination in the event of a VEGP incident;
10. Maintain a twenty-four (24) hour capability for communications and coordination relating to a VEGP incident through the SRS Operations Center (SRSOC);
11. Ensure that appropriate emergency plans and procedures are in place to implement DOE responsibilities under this agreement;
12. Maintain a point of contact within the Savannah River Operations Office, for VEGP-emergency planning coordination with DHEC and SCEMD.

B. SCEMD and SCDHEC will:

1. Maintain a twenty-four (24)-hour capability for communications and coordination relating to a VEGP incident;
2. Coordinate the provision of necessary medical and other follow-up treatment for non-SRS personnel identified in Item III.A.2;
3. Maintain a point of contact within their respective organizations for VEGP emergency planning and coordination with DOE.

C. All parties agree:

1. To maintain: effective lines of communications and coordination in the event of a VEGP incident;
2. To review this agreement on an annual basis.

**IV. IMPLEMENTATION:**

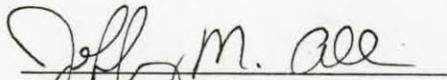
- A. This MOU shall become effective upon the latter date of signature of the parties.
- B. The provisions of this Agreement are applicable only to DOE/State of South Carolina emergency planning and response coordination concerning a VEGP incident.

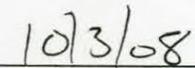
- C. This MOU supersedes a previous Memorandum dated June 7, 2007, among SCDHEC, SCEMD, and DOE-SR.

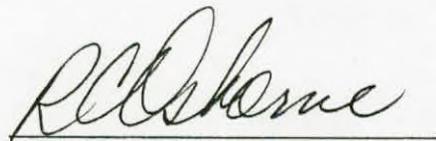
**V. AMMENDMENT / TERMINATION**

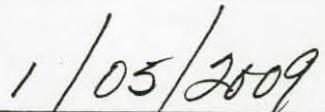
- A. This MOU may be amended in writing by mutual consent of the parties concerned.
- B. Termination of this MOU requires any of the parties giving thirty (30) days written notice to the other parties. Termination notices will be communicated through contacts established in this MOU.

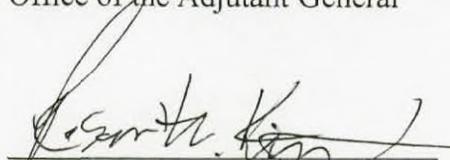
**VI. IMPLEMENTING AUTHORITY SIGNATURES**

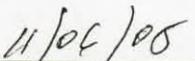
  
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Jeffrey M. Allison, Manager  
Savannah River Operations Office  
United States Department of Energy

  
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Date

  
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Ronald C. Osborne, Director  
South Carolina Emergency  
Management Division  
Office of the Adjutant General

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Robert W. King, Jr., PE  
Deputy Commissioner, EQC  
South Carolina Department of  
Health and Environmental Control

  
\_\_\_\_\_  
Date