Department of Homeland Security
Region IV
3003 Chamblee-Tucker Road
Atlanta, Georgia 30341

FEMA

March 22, 2011

Victor M. McCree
Regional Administrator - RII
State and Local Government Affairs
US Nuclear Regulatory Commission
One Marquis Tower
245 Peachtree Center Avenue, Suite 1200
Atlanta, Georgia 30303

Dear Mr. McCree:

Enclosed is a copy of the final exercise report for the September 21-22, 2010, ingestion exposure pathway exercise for the State of Georgia focusing on the ingestion pathway emergency planning zone surrounding the Hatch Nuclear Plant. The two-day table top exercise involved State response agencies, local governments, Southern Company and Federal partners. The Federal partners described their roles and responsibilities in providing assistance to the State in the event of an accident at a nuclear power plant.

The first session of this successful exercise focused on assessment and decision making and the second session was a discussion among the participants from various Federal, State and local agencies on how to implement the decisions. All objectives of the exercise were demonstrated during the table top exercise and out-of-sequence activities performed in May and September, 2010. No Deficiencies or Areas Requiring Corrective Actions were identified.

Based on the results of this exercise and the October 2009 Hatch plume exposure pathway exercise and FEMA's review of the annual letter of certification for 2009, the offsite radiological emergency response plans and preparedness for the State of Georgia and the affected local jurisdictions site-specific to the Hatch Nuclear Plant can be implemented and are adequate to provide reasonable assurance that appropriate measures can be taken offsite to protect the health and safety of the public in the event of a

IE35

radiological emergency at the site. The Title 44 CFR, Part 350, approval for the State of Georgia offsite radiological emergency response plans and preparedness site-specific to the Hatch Nuclear Plant, granted on May 5, 1981, will remain in effect.

Should you have questions, please contact Conrad Burnside at 770/220-5486.

Sincerely,

Major P. May
Regional Administrator

Enclosure

cc: Ms. Vanessa E. Quinn, Branch Chief
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Radiological Emergency Preparedness
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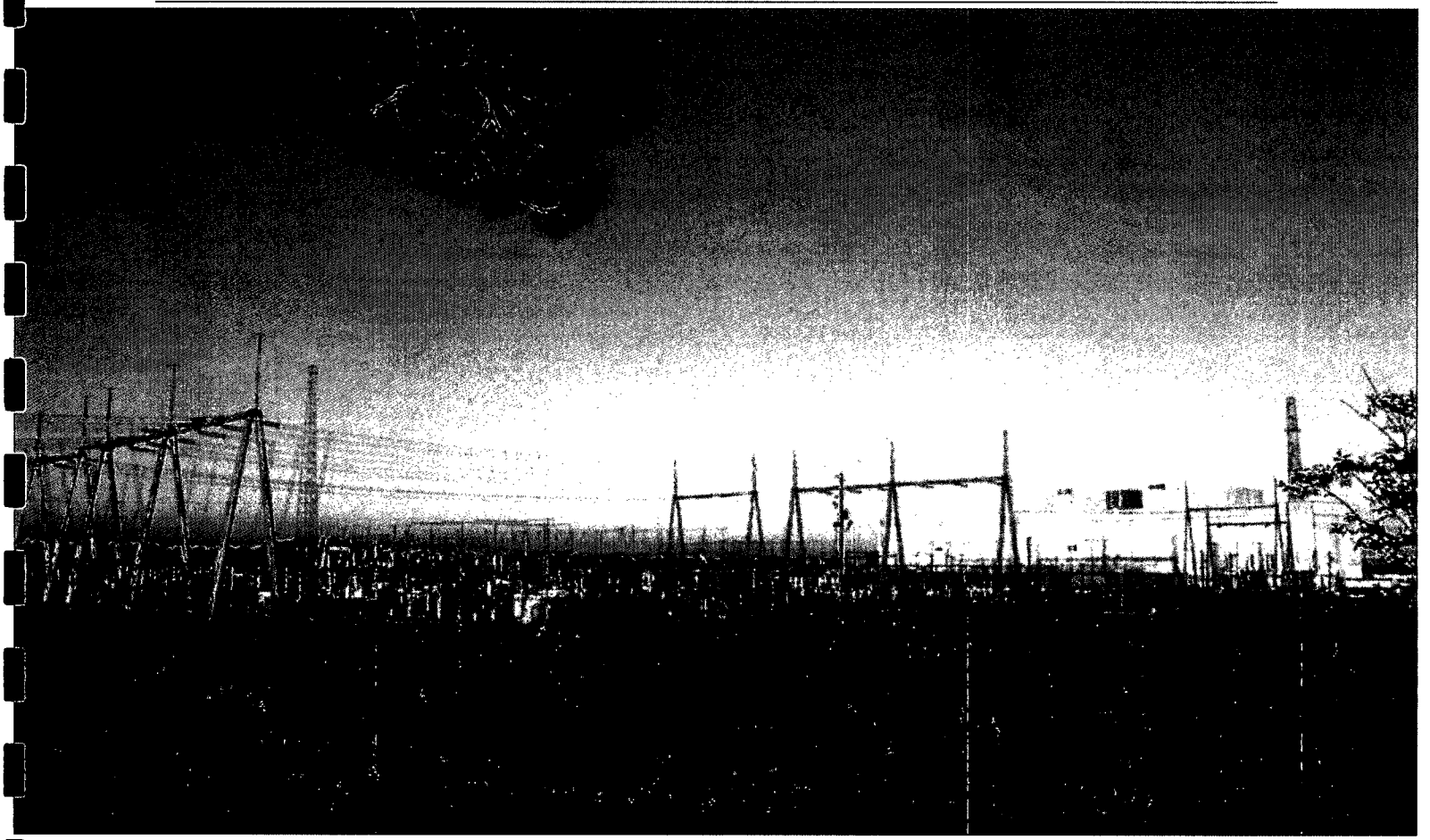
Washington, D. C. 20555-0001



HATCH NUCLEAR PLANT

AFTER ACTION REPORT

(FINAL)

September 21-22, 2010
Radiological Emergency Preparedness Program (REPP)

FEMA

Published March 2011

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Executive Summary

On September 21-22, 2010, the Department of Homeland Security, Federal Emergency Management Agency (FEMA) Region IV Radiological Emergency Preparedness (REP) Program staff evaluated a post plume ingestion pathway exercise (IPX) for the Hatch Nuclear Plant (HNP). This report also contains the evaluation of out-of-sequence (OOS) activities for the Ingestion Field Monitoring teams (FMT) on May 19, the Mobile Laboratory on September 15 and Dose Assessment/Operations on September 22, 2010.

FEMA's overall Objective of the exercise was to assess the level of State and local preparedness in responding to a radiological emergency involving the Ingestion Exposure Pathway at HNP. This exercise was conducted in accordance with FEMA's policies and guidance concerning the exercise of State and local radiological emergency response plans and procedures. The previous federally evaluated exercise at this site was conducted on October 14, 2009. The qualifying emergency preparedness exercise for HNP was conducted on October 8 and 9, 1980.

The purpose of this report is to analyze exercise results, identify strengths to be maintained and built upon, identify potential areas for further improvement and support development of corrective actions.

HNP is located on the Altamaha River approximately 10 miles north of Baxley, Georgia. The Ingestion Exposure Pathway Ingestion Pathway Zone (IPZ) includes portions of Appling, Atkinson, Bacon, Ben Hill, Bryan, Bulloch, Candler, Coffee, Dodge, Emanuel, Evans, Irwin, Jeff Davis, Johnson, Laurens, Liberty, Long, Montgomery, Pierce, Tattnall, Telfair, Toombs, Treutlen, Ware, Wayne, and Wheeler Counties. The population of the IPZ is approximately 401,000 residents.

The HNP Ingestion Pathway Exercise was conducted as a combination Table Top Exercise (TTX) and Functional Exercise and involved key State and local government personnel assisted by Federal responders discussing their responses to a simulated accident scenario for HNP in the State Operations Center (SOC). FMT, radiological laboratory and dose assessment capabilities were demonstrated in three functional OOS demonstrations.

The TTX was comprised of two sessions. The first session, the afternoon of September 21, focused on assessment and decision making. The second session, the morning of September 22, focused on implementation of those decisions. Emergency Support Functions (ESFs) which have not normally participated in REP exercises were required to participate on the second day; however, they eagerly participated on both days. County Emergency Management Agency (EMA) Directors from the risk counties of Appling, Jeff Davis and Tattnall and those from the ingestion counties, Bacon and Coffee, participated in the exercise at the SOC.

The objectives developed for this ingestion pathway exercise were as follows:

Objectives

The 2010 HNP IPX planning team developed the following Objectives. These objectives encompass the REP Program Evaluation Criteria as negotiated in the Extent of Play Agreement (EOPA).

OBJECTIVE 1 – State Agencies demonstrate the ability to review data/information and manage protective action decisions (PAD) that affect relocation, re-entry and return.

Capability – EOC Management

The State Operations Center (SOC) was fully staffed in accordance with plans. The ability to identify and address issues and the support and coordination of response regarding relocation, reentry and return was demonstrated throughout the IPX through facilitated discussion.

OBJECTIVE 2 – Demonstrate the ability to provide supplementary information and warnings to the general public.

Capability – Emergency Public Information and Warning

The processes for developing media releases for the public concerning protective actions for the ingestion pathway emergency planning zone were discussed by the exercise participants. The Public Information Officers (PIO) developed a message based on the discussion and decisions made in the SOC. Georgia Emergency Management Agency (GEMA) and Department of Natural Resources (DNR) recently revised their agricultural brochure. The brochure contains all necessary information for informing citizens in IPZ counties actions they should take in the event of an incident at HNP.

OBJECTIVE 3 – Demonstrate the ability to collect, analyze and properly transport samples.

Capability – Hazardous Material Response and Decontamination

The Georgia Field Monitoring Teams (FMT) demonstrated the capability to make appropriate measurements and collect appropriate samples to support assessment and protective action decision-making.

DNR effectively calculated Derived Response Levels (DRL) for a variety of environmental samples, including dairy products, eggs, fish, meat grains, water, etc. The development of the DRLs were appropriately base on the relationship of the USEPA Protective Action Guides (PAGs) and the Derived Intervention Levels (DILs) developed by the U.S. Food and Drug Administration (USFDA). The USFDA DILs considered all of the radionuclide groups that would be expected to be present in a radiological release from a commercially licensed nuclear power plant.

OBJECTIVE 4 – Demonstrate the ability to properly receive samples, operate recovery area, process samples for analysis, analyze samples and report processes.

Capability – Laboratory Testing

The DNR staff properly demonstrated sample receipt and radiological analysis. The receiving and laboratory personnel were knowledgeable of sample receipt, handling and analytical requirements and maintained sample integrity and chain of custody throughout the process.

OBJECTIVE 5 – Demonstrate the ability to make and implement decisions concerning Food and Agriculture safety.

Capability – Food and Agriculture Safety and Defense

Discussions regarding product embargoes, notification of the public and control of contaminated facilities and food products were ongoing and general in nature. The Georgia Department of Agriculture described the state's product data base and how it can be used in identifying agricultural products in affected areas.

The State of Georgia and participating counties successfully demonstrated the exercise objectives and met this ingestion related REP Criteria.

Section 1: Exercise Overview

1.1 Exercise Details

Exercise Name
2010 Hatch Nuclear Plant Ingestion Pathway (IPX) Evaluated Exercise

Type of Exercise
Table Top Exercise (TTX) and Functional Exercise (FE)

Exercise Out of Sequence/Off Scenario Dates
May 19, September 15 and September 22, 2010

Exercise Date
September 21-22, 2010

Locations
See Appendix D for a complete listing of locations of supported exercise activities.

Sponsors

Georgia (GEMA)
935 E. Confederate Ave SE
Post Office Box 18055
Atlanta, Georgia 30316-0055

Southern Nuclear Company
40 Inverness Center Pkwy
Post Office 1295
Birmingham, Alabama 35201-1295

Program
FEMA Radiological Emergency Preparedness (REP) Program

Mission
Response

Capabilities
- Emergency Operations Center Management
- Emergency Public Information and Warning
- Hazardous Materials Response and Decontamination
- Laboratory Testing
- Food and Agriculture Safety and Defense

Scenario Type
Radiological Emergency Preparedness, Post Plume Phase IPZ

1.2 Exercise Planning Team Leadership

See Appendix F for a listing of the members of the exercise planning team leadership.

1.3 Participating Organizations

The following agencies, organizations and units of government participated in the 2010 HNP IPX.

State of Georgia
Georgia Emergency Management Agency
Radiological Preparedness Branch
Department of Natural Resources
Environmental Protection Division
Department of Transportation
Communications
Public Works and Engineering
Department of Human Services
Logistics and Resource Support
Public Health
Hazardous Materials
Department of Agriculture
Energy – Environmental Facilities Authority
Department of Public Safety (GPS)
Long Term Mitigation and Recovery
External Affairs (Public Affairs)
Department of Defense (GA NG) - 4th CST
Risk Jurisdictions
Appling County EMA
Jeff Davis County EMA
Tattnall County EMA
Ingestion Jurisdictions
Bacon County EMA
Coffee County EMA
Non-Governmental Organizations
American Red Cross (ARC)
Federal Organizations
Nuclear Regulatory Commission (NRC)
Department of Energy (DOE)
Radiological Assistance Program (RAP)
Federal Radiological Monitoring and Assessment Center (FRMAC)
Centers for Disease Control (CDC)
Environmental Protection Agency (EPA)
Food and Drug Administration (FDA)
United States Department of Agriculture (USDA)

Section 2: Exercise Design Summary

2.1 Exercise Purpose and Design

DHS/FEMA administers the Radiological Emergency Preparedness (REP) Program pursuant to the regulations found in 44 CFR 350, 351 and 352. 44 CFR 350 codifies 16 planning standards that form the basis for radiological emergency response planning for licensee, State, tribal and local governments impacted by the emergency planning zones established for each nuclear power plant site in the United States. 44 CFR 350 sets forth the mechanisms for the formal review and approval of State, Tribal and local government radiological emergency response plans and procedures by DHS/FEMA. One of the REP requirements established by these regulations is to conduct an exercise that addresses emergency response within the ingestion exposure pathway emergency planning zone (IPZ) once every six years within a State having one or more nuclear power plants within its borders. During these exercises State, Tribal and local governments demonstrate their abilities to implement their plans and procedures to protect the health and safety of the public in the event of a radiological emergency at the nuclear plant.

The results of this exercise and the plume exposure pathway exercise together with review of the radiological emergency response plans and procedures and verification of the periodic requirements set forth in NUREG-0654/FEMA-REP-1 through the Annual Letter of Certification and staff assistance visits enables FEMA to provide a statement with the transmission of this final After Action Report to the NRC that State, Tribal and local plans and preparedness are; (1) adequate to protect the health and safety of the public living in the vicinity of the nuclear power facility by providing reasonable assurance that appropriate protective measures can be taken offsite in the event of a radiological emergency, and (2) capable of being implemented.

Formal submission of the RERPs for the Hatch Nuclear Power Plant (HNP) to FEMA Region IV by the State of Georgia and involved local jurisdictions occurred on Jan 23, 1980. Formal approval of the RERP was granted by FEMA on May 5, 1981, under 44 CFR 350.

An Ingestion Exposure Pathway exercise was evaluated on September 21-22, 2010, and included evaluations of the following OOS activities:

- Ingestion Field Monitoring Teams, May 19, 2010, Burke County, GA.
- Mobile Laboratory, September 15, 2010, GA DNR/EPD, Atlanta, GA.
- Dose Assessment/Operations, September 22, 2010, SOC, Atlanta, GA.

2.2 FEMA Exercise Objectives and Capabilities

Capabilities-based planning allows for exercise planning teams to develop exercise Objective and observe exercise outcomes through a framework of specific action items that were derived from the Target Capabilities List (TCL). The capabilities listed below form the foundation for the organization of all FEMA Region IV REP Program

Objectives and observations in this exercise.

- **Emergency Operations Center (EOC) Management:** Is the capability to provide multi-agency coordination (MAC) for incident management by activating and operating an EOC for a pre-planned or no-notice event. EOC management includes EOC activation, notification, staffing, and deactivation; management, direction, control, and coordination of response and recovery activities; coordination of efforts among neighboring governments at each level and among local, regional, State, and Federal EOCs; coordination public information and warning; and maintenance of the information and communication necessary for coordinating response and recovery activities.

- **Emergency Public Information and Warning**: Is the capability that includes public information, alert/warning and notification. It involves developing, coordinating, and disseminating information to the public, coordinating officials, and incident management and responders across all jurisdictions and disciplines effectively under all hazard conditions.

- **Hazardous Materials Response and Decontamination:** Is the capability to assess and manage the consequences of a hazardous materials release, either accidental or as part of a terrorist attack. It includes testing and identifying all likely hazardous substances onsite; ensuring that responders have protective clothing and equipment; conducting rescue operations to remove affected victims from the hazardous environment; conducting geographical survey searches of suspected sources or contamination spreads and establishing isolation perimeters; mitigating the effects of hazardous materials, decontaminating on-site victims, responders, and equipment; coordinating off-site decontamination with relevant agencies, and notifying environmental, health, and law enforcement agencies having jurisdiction for the incident to begin implementation of their standard evidence collection and investigation procedures.

- **Laboratory Testing:** The Laboratory Testing capability is the ongoing surveillance, rapid detection, confirmatory testing, data reporting, investigative support, and laboratory networking to address potential exposure, or known exposure, to all-hazards which include chemical, radiochemical, and biological agents in all matrices including clinical specimens, food and environmental samples, (e.g., water, air, soil). All-hazard threats include those deliberately released with criminal intent, as well as those that may be present as a result of unintentional or natural occurrences.

- **Food and Agriculture Safety and Defense:** Food and Agriculture Safety and Defense is the capability to prevent, protect against, respond to, and recover from chemical, biological and radiological contaminants, and other hazards that affect the safety of food and agricultural products. This includes the timely eradication of outbreaks of crop diseases/pests, assessments of the integrity of the food producing industry, the removal and disposal of potentially compromised materials from the U.S. food supply, and decontamination of affected food manufacturing facilities or

retail points of purchase or service. This also includes appropriate laboratory surveillance to detect human food borne illness or food product contamination. It is accomplished concurrent to protecting public health and maintaining domestic and international confidence in the U.S. commercial food supply. Additionally, the public is provided with accurate and timely notification and instructions related to an event and appropriate steps to follow with regard to disposal of affected food or agricultural products and appropriate decontamination procedures.

Additionally, each capability is linked to several corresponding activities and tasks to provide additional detail. Based upon the identified exercise Objectives, the following are encompassing capabilities and associated activities:

OBJECTIVE 1 – State Agencies demonstrate the ability to review data/information and manage PADs that affect relocation, reentry and return.

Capability – EOC Management – Activate SOC; Direct SOC Tactical Operations; Gather and provide Information; Identify and Address Issues; Support and Coordinate Response.

OBJECTIVE 2 – Demonstrate the ability to provide supplementary information and warnings to the general public.

Capability – Emergency Public Information and Warning- Issue Emergency Warnings; Conduct Media Relations; Provide Public Rumor Control;

OBJECTIVE 3 – Demonstrate the ability to collect and properly transport samples.

Capability – Hazardous Material Response and Decontamination – Site Management and Control; Hazard assessment and risk evaluation.

OBJECTIVE 4 – Demonstrate the ability to properly receive samples, operate recovery area, process samples for analysis, analyze samples and report processes.

Capability – Laboratory Testing – Direct Radiological Laboratory Testing; Sample Management; Testing and Analysis; Report Results.

OBJECTIVE 5 – Demonstrate the ability to make and implement decisions concerning Food and Agriculture safety.

Capability – Food and Agriculture Safety and Defense – Implement control measures for contaminated food products

2.3 Scenario Summary

September 21, 2010

Initial conditions established Unit 1 operating at 100% rated thermal power early in core life. Power history has been full power operation for the last 75 days.

The Shift Manager (SM) assumes Emergency Director (ED) duties and declares an **Alert** based on 73EP-EIP-001-0, Initiating Condition (IC) **HA3** Release of Toxic, Asphyxiant or Flammable Gases Within or Adjacent to a VITAL AREA Which Jeopardizes Operation of Systems Required to Maintain Safe Operations or Establish or Maintain Safe Shutdown (Threshold Value (TV) 1 - Report or detection of toxic or asphyxiant gas within or adjacent to a VITAL AREA in concentrations that may result in an atmosphere IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH)).

The ED declares a **Site Area Emergency (SAE)** based on meeting 73EP-EIP-001-0, Initiating Condition (IC) (**SS2** Failure of Reactor Protection System Instrumentation to Complete or Initiate an Automatic Reactor Scram Once a Reactor Protection System Set point Has Been Exceeded **AND** Manual Scram Was **NOT** Successful due to the failure of the Reactor Protection System (RPS) to complete a SCRAM).

The ED declares a **General Emergency** (GE) based on meeting 73EP-EIP-001-0, Initiating Condition **RG1** Offsite Dose Resulting from an Actual or Imminent Release of Gaseous Radioactivity Exceeds 1000 mR TEDE **OR** 5000 mR Thyroid CDE for the Actual or Projected Duration of the Release Using Actual Meteorology and Initiating Condition **FG1** Loss of ANY Two Barriers **AND** Loss or Potential Loss of Third Barrier.

September 22, 2010

All radioactive releases have been terminated as of 14:45 (2:45 PM EST). State Field Monitoring Teams are on standby at the FEOC awaiting instructions.

DOE RAP team members have arrived at the FEOC in Vidalia and are assisting the State in recovery activities.

The Federal Advance Team 1 has arrived in Vidalia.

AMS initial surveys have been performed and results are available.

The NRC has activated its operations center and has an Incident Response Team in the SNC EOF. Additional response personnel are in route to HNP.

Appendix B: Exercise Evaluator and Assignments

Evaluation Site: EI Hatch NP 2010	Evaluator	Organization	Capability	Criteria
Georgia Director: Charles English			935 E. Confederate Ave, SE, Atlanta, GA 30316	
State Operations Center (SOC)	Odis Spencer JT Ackermann	FEMA FEMA	EOC Management Food & Agriculture Safety and Defense	1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.2, 2.d.1, 2.e.1, 3.e.1, 3.e.2,3.f.1, 5.b.1
	Joe Harworth Ron Shaw	FEMA FEMA	Emergency Public Information and Warning	5.b.1
Dose Assessment (SOC) & Radiological Liaison OOS – 9/21/10	B. Trojanowski John Fill	NRC FEMA	Hazmat Response & Decontamination	1.c.1, 1.d.1, 1.e.1, 2.b.1, 2.b.2, 2.d.1, 2.e.1, 3.a.1, 3.e.2
Mobile Lab OOS – 9/15/10	Joe Harworth John Fill	FEMA FEMA	Laboratory Testing	1.b.1, 1.e.1, 2.a.1, 3.a.1, 4.c.1
Radiological Field Monitoring Teams (FMTs) OOS – 5/19/10	Jill Leatherman Mike Henry	ICS ICS	Hazmat Response & Decontamination	1.d.1, 1.e.1, 3.a.1, 3.b.1, 4.b.1
County EOCs	Walt Cushman Quintin Ivy	FEMA FEMA	EOC Management	1.c.1, 1.e.1, 2.a.1, 2.b.2, 2.d.1, 2.e.1, 3.e.1, 3.e.2,3.f.1, 5.b.1

Appendix C: Acronyms

Acronym	Meaning
AAC	After Action Conference
AAR	After Action Report
ARC	American Red Cross
ARCA	Area Requiring Corrective Action
ARES	Amateur Radio for Emergency Services
CFR	Code of Federal Regulations
CMC	Corporate Media Center
DEMD	Deputy Emergency Management Director
DHEC	Department of Health and Environmental Control
DHS	Department of Homeland Security
DNR	Department of Natural Resources
DOC	Department of Commerce
DOE	Department of Energy
DOI	Department of the Interior
DOT	Department of Transportation
DPH	Department of Public Health
DRD	Direct-Reading Dosimeter
DSS	Department of Social Services
EAL	Emergency Action Level
EAS	Emergency Alert System
ECL	Emergency Classification Level
EEG	Exercise Evaluation Guide
EMA	Emergency Management Agency
EMS	Emergency Medical Services
EPD	Environmental Protection Division
EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EOPAA	Extent of Play Agreement
EMD	Emergency Management Director
EMITS	Emergency Management Information Tracking System
EPA	Environmental Protection Agency
EPIP	Emergency Plan Implementing Procedure
EPZ	Emergency Planning Zone
ER	Emergency Room
ERC	Emergency Response Coordinator
ERDS	Emergency Response Data System
ERP	Emergency Response Plan
ESF	Emergency Support Function
EW	Emergency Worker

Acronym	Meaning
EWD	Emergency Worker Decontamination
EXPLAN	Exercise Plan
FEMA	Federal Emergency Management Agency
FEOC	Forward Emergency Operations Center
FMT	Field Monitoring Team
FOUO	For Official Use Only
FRMAC	Federal Radiological Monitoring and Assessment Center
GE	General Emergency
GEMA	Georgia Emergency Management Agency
GIS	Geographic Information System
GM	Geiger-Muller (detector)
GPS	Geographic Positioning System
HAZMAT	Hazardous Materials
HO	Health Order
HSEEP	Homeland Security Exercise and Evaluation Program
HQ	Headquarters
IC	Incident Commander
ICS	Incident Command System
IMT	Incident Management Team
IP	Improvement Plan
IRG	Information Response Group
IRIS	Internet Routed Information System
IPZ	Ingestion Pathway Zone
IPX	Ingestion Pathway Exercise
JIC	Joint Information Center
JIS	Joint Information System
KI	Potassium Iodide
LP-1	Local Primary -1
MOC	Mobile Operations Center
MOU	Memorandum of Understanding
mR	milliroentgen
mR/h	milliroentgen per hour
NAWAS	National Warning System
NGO	Non-Governmental Organization
NIMS	National Incident Management System
NOUE	Notification of Unusual Event
NPP	Nuclear Power Plant
NRC	Nuclear Regulatory Commission
NUREG-0654	NUREG-0654/FEMA-REP-1, Rev. 1, *"Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980*

Acronym	Meaning
ONS	Oconee Nuclear Station
OOS	Out-of-Sequence
ORO	Offsite Response Organization
PA	Public Announcement
PAD	Protective Action Decision
PAG	Protective Action Guide
PAR	Protective Action Recommendation
PIO	Public Information Officer
PPE	Personal Protective Equipment
PRD	Permanent Record Dosimetry
QC	Quality Control
R	Roentgen
RAC	Regional Assistance Committee
RACES	Radio Amateur Civil Emergency Service
RAP	Radiological Assistance Program
REA	Radioactive Emergency Area
REM	Roentgen Equivalent Man
REP	Radiological Emergency Preparedness
REPP	Radiological Emergency Preparedness Program
RERP	Radiological Emergency Response Plan
R/h	Roentgen(s) per hour
RO	Radiological Officer
SAE	Site Area Emergency
SC	South Carolina
SCEMD	South Carolina Emergency Management Division
SCDNR	South Carolina Department of Natural Resources
SCHP	South Carolina Highway Patrol
SDOC	School District of Oconee County
SEOC	State Emergency Operations Center
SIMCELL	Simulation Cell
SIP	Shelter-in-Place
SLED	State Law Enforcement Division
SMRAP	Southern Mutual Radiological Assistance Plan
SOC	State Operations Center
SOG	Standard Operating Guide
SOP	Standard Operating Procedure
SSS	Selective Signaling System
TCL	Target Capabilities List
TCP	Traffic Control Point
THD	Technological Hazard Division
TLD	Thermoluminescent dosimeter

Acronym	Meaning
USDA	U.S. Department of Agriculture
UTL	Universal Task List
VEGP	Vogtle Electric Generating Plant
VFD	Volunteer Fire Department

Appendix D: Exercise Locations

Exercise Locations
Georgia Emergency Management Agency State Operations Center (SOC) 935 Confederate Avenue, SE Atlanta, GA 30316 **Dose Assessment/operations, OOS - September 22, 2010** **HNP IPX Exercise September 21-22, 2010**
Environmental Protection Division Department of Natural Resources 4240 International Parkway Atlanta, GA 30354 **Mobile Lab Evaluation September 15, 2010**
Burke County, GA EOC [Vogtle Electric Generating Plant (VEGP)] 277 GA Highway 24 S Waynesboro, GA 30830 **Ingestion Phase Field Monitoring Teams – May 19, 2010**

Appendix E: Exercise Planning Team Leadership

Agency	Name	Email	Phone
Georgia Emergency Management Agency (GEMA)	Stephen Clark	stephen.clark@gema.ga.gov	770-635-7233
Appling County EMA	Dane Bruce	appling.county@gema.ga.gov	912-367-8170
Jeff Davis County EMA	James Dunn	jeffdavis@gema.ga.gov	912-375-6621
Tattnall County EMA	Walt Rogers	tattnall.county@gema.ga.gov	912-557-6820
Bacon County EMA	Rhonda Johnson	bacon.county@gema.ga.gov	912-632-7979
Coffee County EMA	Scott Merritt	coffee.county@gema.ga.gov	912-389-1705
FEMA Region IV	Larry Robertson	larry.robertson@dhs.gov	770-220-5378
FEMA Region IV	Odis Spencer	odis.spencer@dhs.gov	770-220-3150
FEMA Region IV	Walt Cushman	walt.cushman@dhs.gov	770-220-5653
Southern Nuclear Company	Charles Brown	ckbrown@southernco.com	205-992-7682
Hatch Nuclear Plant	Cliff Coop	crcoop@southernco.com	912-537-5900