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Duke Energy
7800 Rochester Hwy
Seneca, SC 29672

ONS-2013-002

10 CFR 50.54(q)

October 22, 2013

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852-2746

Subject: Duke Energy Carolinas, LLC
Oconee Nuclear Station, Units 1, 2, and 3
Docket Nos. 50-269, -270, and -287
Emergency Plan Implementing Procedures Manual
Volume C, Revision 2013-10

Please find attached for your use and review copies of the revision to the Oconee Nuclear Station Emergency Plan, Implementing Procedures along with the associated revision instructions and 10 CFR 50.54(q) evaluation.

This revision is being submitted in accordance with 10 CFR 50.54(q) and does not reduce the effectiveness of the Emergency Plan or the Emergency Plan Implementing Procedures. If there are any questions or concerns pertaining to this revision please call Pat Street, Emergency Planning Manager, at 864-873-3124.

By copy of this letter, two copies of this revision are being provided to the NRC, Region II, Atlanta, Georgia.

Sincerely,

Scott L. Batson
Vice President
Oconee Nuclear Station

Attachments:
Revision Instructions
EPIP Volume C - Revision 2013-10
10 CFR 50.54(q) Evaluation(s)

AX45
NRR

U. S. Nuclear Regulatory Commission
October 22, 2013

xc: w/2 copies of attachments

Mr. Victor McCree, Regional Administrator
U.S. Nuclear Regulatory Commission - Region II
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w/o attachments

NRC Senior Resident Inspector
Oconee Nuclear Station

October 22, 2013

OCONEE NUCLEAR STATION

SUBJECT: Emergency Plan Implementing Procedures
Volume C Revision 2013-10

Please make the following changes to the Emergency Plan Implementing Procedures, Volume C:

REMOVE	**INSERT**
Cover Sheet Rev. 2013-09	Cover Sheet Rev. 2013-10
Table of Contents Pages 1, 2, & 3	Table of Contents Pages 1, 2, & 3
	RP/0/A/1000/002 A - Rev. 000

Scott Boggs (for PAT Street)

Pat Street
ONS Emergency Planning Manager

DUKE ENERGY®

OCONEE NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURES
VOLUME C

APPROVED:

Terry L. Patterson
Safety Assurance Manager

10/16/13
Date Approved

10/16/13
Effective Date

VOLUME C
REVISION 2013-10
October 2013

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Duke Energy
Oconee Nuclear Station
Control Room Emergency Coordinator Procedure

Procedure No.
RP/0/A/1000/002
Revision No.
000
Electronic Reference No.
OP009A64

PERFORMANCE

This Procedure was printed on 09/26/13 at 07:38:36 from the electronic library as:

(ISSUED) - PDF Format

Compare with Control Copy every 14 calendar days while work is being performed.

Compared with Control Copy* _____ Date _____

Compared with Control Copy* _____ Date _____

Compared with Control Copy* _____ Date _____

Date(s) Performed	Work Order/Task Number (WO#)

COMPLETION

- ☐ Yes ☐ NA Checklists and/or blanks initialed, signed, dated, or filled in NA, as appropriate?
- ☐ Yes ☐ NA Required enclosures attached?
- ☐ Yes ☐ NA Charts, graphs, data sheets, etc. attached, dated, identified, and marked?
- ☐ Yes ☐ NA Calibrated Test Equipment, if used, checked out/in and referenced to this procedure?
- ☐ Yes ☐ NA Procedure requirements met?

Verified By* Date

Procedure Completion Approved* Date

**Printed Name and Signature*

Remarks (*attach additional pages, if necessary*)

IMPORTANT: Do **NOT** mark on barcodes.

Printed Date: *09/26/2013*

Enclosure No.: *FULL*

Revision No.: *000*

Procedure No.: *RP/0/A/1000/002*

Form 703-1. Procedure Process Record (PPR)

(R08-10)

Duke Energy

PROCEDURE PROCESS RECORD

(1) ID No. RP/0/A/1000/002

Revision No. 00

PREPARATION

(2) Station OCONEE NUCLEAR STATION

(3) Procedure Title Control Room Emergency Coordinator Procedure

(4) Prepared By* Don Crowl (Signature) [signature] Date 9-23-13

(5) Requires NSD 228 Applicability Determination?

☐ Yes (New procedure or revision with major changes) - Attach NSD 228 documentation.

☒ No (Revision with minor changes)

(6) Reviewed By* Robert Taylor [signature] (QR)(KI) Date 9/23/13

Cross-Disciplinary Review By* _____ (QR)(KI) NA Date 9/23/13

Reactivity Mgmt Review By* _____ (QR) NA Date 9/23/13

Mgmt Involvement Review By* _____ (Ops. Supt.) NA Date 9/23/13

(7) Additional Reviews

Reviewed By* _____ Date _____

Reviewed By* _____ Date _____

(8) Approved By* Patricia M Street [signature] Date 9/25/13

PERFORMANCE *(Compare with control copy every 14 calendar days while work is being performed.)*

(9) Compared with Control Copy* _____ Date _____

Compared with Control Copy* _____ Date _____

Compared with Control Copy* _____ Date _____

(10) Date(s) Performed _____

Work Order Number (WO#) _____

COMPLETION

(11) Procedure Completion Verification:

☐ Unit 0 ☐ Unit 1 ☐ Unit 2 ☐ Unit 3 Procedure performed on what unit?

☐ Yes ☐ NA Check lists and/or blanks initialed, signed, dated, or filled in NA, as appropriate?

☐ Yes ☐ NA Required enclosures attached?

☐ Yes ☐ NA Charts, graphs, data sheets, etc. attached, dated, identified, and marked?

☐ Yes ☐ NA Calibrated Test Equipment, if used, checked out/in and referenced to this procedure?

☐ Yes ☐ NA Procedure requirements met?

Verified By* _____ Date _____

(12) Procedure Completion Approved _____ Date _____

(13) Remarks *(Attach additional pages, if necessary)*

* *Printed Name and Signature*

Control Room Emergency Coordinator Procedure

1. Symptoms

_____ 1.1 Events have occurred requiring activation of the Oconee Nuclear Site Emergency Plan.

2. Immediate Actions

NOTE:	This procedure is an implementing procedure to the Oconee Nuclear Site Emergency Plan and must be forwarded to Emergency Planning within seven (7) working days of approval.

_____ 2.1 **IF** No EAL exists,

AND ERO activation is desired,

THEN **GO TO** Enclosure 4.4, (ERO Pager Activation)

NOTE:	State and County agencies shall be notified within 15 minutes of E-plan declaration, Classification upgrades, and Protective Action Recommendations.

_____ 2.2 Declare the appropriate Emergency Classification level.

Classification _____ (UE, Alert, SAE, GE)

Time Declared: _____

_____ 2.3 **IF** a Security event is in progress

THEN GO TO Step 2.5

NOTE:	Activation of ERO personnel for an unusual event classification is at the discretion of the OSM.

_____ 2.4 **IF** assistance from ERO personnel is desired/required:

THEN activate ERO pagers from the ERO Pager Activation Panel:

_____ For an EMERGENCY press **"Test"** button then press button **1**

_____ For a DRILL press **"Test"** button then press button **3**

_____ 2.5 Appoint Control Room Offsite Communicator(s) and perform the following:

- Record Name _____
- Notify Offsite Communicator to **REFER TO** RP/0/A/1000/015A, Immediate Actions steps 2.1 and 2.2 **AND** Enclosure 4.7 (Guidelines for Manually Transmitting a Message) in preparation for notifying offsite agencies. {13}

_____ 2.6 **IAAT** Changing plant conditions require an emergency classification upgrade,

THEN Notify Offsite Communicator to complete the in-progress notifications per RP/0/A/1000/15A, (Offsite Communications From The CR)

AND Re-initiate a clean copy of this procedure for the upgraded classification and stop this procedure.

NOTE: If more than one EAL of the classification level is met, use the EAL description of most interest to offsite agencies. Use "Remarks" (Line 13 of Notification Form) for additional comments from other EAL descriptions that the offsite agencies may need to know.

Additional message sheets listing other information of interest to offsite agencies (e.g. transporting injured personnel) may be sent, if needed.

_____ 2.7 Obtain the applicable Offsite Notification form in the control room and complete as follows:

_____ 2.7.1 Ensure EAL # as determined by RP/0/A/1000/001 matches Line 4.

_____ 2.7.2 Line 1 - Mark appropriate box "Drill" or "Actual Event"

_____ 2.7.3 Line 1 - Enter Message #

_____ 2.7.4 Line 2 - Mark Initial

_____ 2.7.5 Line 6 - A. Mark "Is Occurring" if any of the following are true:

- RIAs 40, 45, or 46 are increasing or in alarm
- If containment is breached
- Containment pressure > 1 psig

B. Mark "None" if none of the above is applicable.

_____ 2.7.6 Line 7 - If Line 6 Box B or C is marked, mark Box D. Otherwise mark Box A

_____ 2.7.7 Line 8 - Mark "Stable" unless an upgrade or additional PARs are anticipated within an hour.

- Refer to Enclosure 4.9, (Event Prognosis Definitions)

_____ 2.7.8 Line 10 - Military time and date of declaration (Refer to date/time in Step 2.2)

NOTE: 1. The following step is used to help determine if an event includes only one unit or all units. The list may not be all inclusive.

2. The following is provided by the OSM.

_____ 2.7.9 Line 11 - Evaluate the following for classification for all units.

- Security event
- Seismic event
- Tornado on site
- Hurricane force winds on site
- SSF event
- Fire affecting shared safety related equipment

Mark or select ALL if event affects the emergency classification on more than one unit.

If event only affects one (1) unit **OR** one (1) unit has a higher emergency class, select or mark the appropriate unit.

_____ 2.7.10 Line 12 - Mark unit(s) affected (reference Line 11) **AND** enter percent power for each unit affected. {14}

- If affected unit is shutdown, then enter shutdown time and date.

NOTE: Line number 13 should be used to provide information important to offsite agencies. The following are examples of information which should be provided:

- Time that fires are extinguished
- Offsite fire departments have been requested to assist with a fire onsite
- The type of natural event which had affected the site (i.e. tornado, seismic, etc.)
- Notification that a radiologically contaminated patient has been transported offsite
- The dam or dike which has resulted in a Condition Bravo or Alpha, if known
- Status of a security threat against the site if known

_____ 2.7.11 Line 13 - If the OSM has no remarks, write "None"

_____ 2.7.12 If Condition "A" exists ensure following PAR's are included on Line 5.

A. Evacuate: Move residents living downstream of the Keowee Hydro Project dams to higher ground

B. Other: Prohibit traffic flow across bridges identified on your inundation maps until the danger has passed.

_____ 2.7.13 Line 17 - OSM signature, CURRENT Time/Date

NOTE: Only an Initial and a Termination Message are required for Unusual Event classifications. No Follow Up notifications (updates) are required unless requested by Offsite Agencies.

NOTE:
- GETS cards are available in the GETS Binder located in the TSC Supply Cabinet. Their use will enable communications when phone lines are busy or overloaded. See instructions on back of card.
- For communications failures, see RP/0/A/1000/015A, Offsite Communications From The Control Room, Enclosure 4.9 Alternate Method and Sequence to Contact Agencies.
- Satellite Telephones are available in all Control Rooms, the TSC and the OSC. They can be used when other means of communication have failed.

_____ 2.8 Provide Offsite Communicator with Emergency Notification Form and direct him/her to perform the following using RP/0/A/1000/015A, (Offsite Communications From The Control Room):

- Print Offsite Communicator name (Line 17)
- Use Enclosure 4.7 (Guidelines for Manually Transmitting A Message) to immediately notify off-site agencies (State and Counties)
- Ensure follow up notifications (updates) are provided at least every 60 minutes for classifications of Alert, Site Area Emergency and General Emergency.
- **IF** Condition A, Imminent or Actual Dam Failure (Keowee or Jocassee) exist,

  THEN **ENSURE** that notification is made to the Georgia Emergency Management agency 9-404-635-7000 or 7200 and National Weather Service 9-864-879-1085 or 9-800-268-7785 after the State and Counties are notified.

_____ 2.9 **IAAT** The Hydro Group notifies the control room that Condition A, Imminent or Actual Dam failure (Keowee or Jocassee) or Condition B at Keowee exists applies,

THEN **REFER TO** Enclosure 4.3, (Condition A/Condition B Response Actions) for additional protective actions.

NOTE: Activation of the ERO is **NOT** required for an Unusual Event Classification.

_____ 2.10 **IF** this is an Unusual Event,

AND the OSM/Emergency Coordinator does **NOT** desire that the EOF and/or TSC be activated,

THEN **GO TO** Step 2.13

NOTE: Activate the Alternate TSC and/or OSC in the Oconee Office Building, Rooms 316 and 316A, if a fire in the Turbine Building, flooding conditions, Security events (except those involving intrusion/attempted intrusion), or onsite/offsite hazardous materials spill have occurred or are occurring. {4} {16}

_____ 2.11 Notify Security Shift Supervisor (Ext. 2309 or 3636) that the ERO is being activated and obtain his/her recommendations for conducting a site assembly should it be needed.

NOTE: This step is required in addition to action taken in step 2.4. {13}

_____ 2.12 Activate the Emergency Response Organization (ERO) by performing Enclosure 4.4, (ERO Pager Activation). {8}

_____ 2.13 Maintain Enclosure 4.1, (OSM Emergency Coordinator Log/Turnover Sheet).

NOTE: Enclosure 4.6, Radiation Level/Radiological Release Determination Reference may be used to help determine if RIA values, Dose Projections, or Field Monitoring surveys require a classification Upgrade and Protective Action Recommendation.

_____ 2.14 **IAAT** Abnormal radiation levels or releases are occurring or have occurred:

THEN Perform the following:

_____ Notify RP to perform Offsite Dose Calculations, determine Protective Action Recommendations, and initiate radiological field monitoring.

_____ **REFER TO** Enclosure 4.6, (Radiation Monitoring) to determine if RIA values, Dose Projections, or analysis of Field Monitoring Surveys require a classification Upgrade and Protective Action Recommendation.

_____ 2.15 Perform one of the following:

_____ 2.15.1 Appoint a qualified individual to perform Enclosure 4.5, (Emergency Coordinator Parallel Actions):

- Record Name: _____
- Notify individual appointed that a Security event (Does/Does **Not**) exist and a Site Assembly (Is/Is **Not**) desired

_____ 2.15.2 Perform Enclosure 4.5, (Emergency Coordinator Parallel Actions).

3. Subsequent Actions

_____ 3.1 **IAAT** An Unusual Event classification is being terminated,

THEN **REFER TO** Enclosure 4.2, (Emergency Classification Termination Criteria), of this procedure for termination guidance.

_____ 3.1.1 Verify that the Offsite Communicator has provided termination message to the off-site agencies.

NOTE: The EP Section shall develop a written report, for signature by the Site Vice President, to the State Emergency Management Agency, Oconee County EPD, and Pickens County EPD within 24 working hours of the event termination.

_____ 3.1.2 Notify Emergency Planning Section (Emergency Planning Duty person after hours) of the following:

- the Unusual Event has been terminated
- conduct a critique following termination of an actual Unusual Event

NOTE: After normal working hours, Emergency Response Personnel will **NOT** report to the TSC or OSC until after a Security threat has been neutralized. Emergency Response personnel will report to the Oconee JIC (Old Clemson EOF) during Security events.

If the ERO was activated and a Security event involving an intrusion/attempted intrusion **DOES NOT** exist, then provide turnover to the Technical Support Center.

If the ERO was activated after normal working hours **AND** a Security Event involving an intrusion/attempted intrusion **DOES** exist, then provide Notification turnover information to the EOF Director. After the EOF is activated, the EOF will assume responsibility for classifications, notifications, and protective action recommendations. The OSM will remain the Emergency Coordinator for all other activities until the TSC is activated.

_____ 3.2 **IAAT** The TSC or EOF is ready to accept turnover,

THEN Perform one of the following as required:

_____ 3.2.1 **IF** The TSC is ready to accept Emergency Coordinator responsibilities,

THEN Perform turnover using Enclosure 4.1, (OSM Emergency Coordinator Log/Turnover Sheet).

Time TSC Activated:_____

A. Turn over all emergency response procedures in use to the TSC.

NOTE: The EOF Director will notify the Control Room Emergency Coordinator when the EOF is operational and ready to initiate turnover.

_____ 3.2.2 **IF** The EOF is ready to initiate turnover information,

THEN Verify notification turnover information from the EOF Director:

_____ A. Fax Enclosure 4.1 (OSM Emergency Coordinator Log/Turnover Sheet).

_____ B. Obtain current copy of Emergency Notification Form and plant status.

_____ C. Verify the information being provided by the EOF Director from Enclosure 4.1 and the current Emergency Notification Form.

_____ D. When Control Room Emergency Coordinator verification of Notification turnover information from EOF Director is complete and the EOF is activated, turnover Notification responsibility to the EOF and log:

Time EOF Activated:_____

_____ E. Direct NRC Communicator to notify the NRC Operations Center that the EOF is activated.

4. Enclosures

4.1 OSM Emergency Coordinator Log/Turnover Sheet

4.2 Emergency Classification Termination Criteria

4.3 Condition A/ Condition B Response Actions

4.4 ERO Pager Activation

4.5 Emergency Coordinator Parallel Actions

4.6 Radiation Monitoring

4.7 Summary of IAAT Steps

4.8 ERO Pager Activation By Security

4.9 Event Prognosis Definitions

4.10 References

Enclosure 4.1

OSM Emergency Coordinator Log/Turnover Sheet

Emergency Classification______________________________ Time Declared_________________

TIME	EVENTS

OSM Emergency Coordinator Log/Turnover Sheet

TIME	EVENTS

Enclosure 4.1

OSM Emergency Coordinator Log/Turnover Sheet

Unit 1			Unit 2			Unit 3		
Rx Power	RCS Pressure	RCS Temp.	Rx Power	RCS Pressure	RCS Temp.	Rx Power	RCS Pressure	RCS Temp.
Auxiliary Power From	ES Channels Actuated		Auxiliary Power From	ES Channels Actuated		Auxiliary Power From	ES Channels Actuated	
Jobs In Progress:			Jobs In Progress:			Jobs In Progress:		
Major Equipment Out of Service:			Major Equipment Out of Service:			Major Equipment Out of Service:		
ERDS Activated? **Yes/No** CR Booster Fans On? **Yes/No**			ERDS Activated? **Yes/No**			ERDS Activated? **Yes/No** CR Booster Fans On? **Yes/No**		

Abnormal/Emergency Procedures Currently In Progress

Emergency Response Procedures in Progress	Yes	No	List Any EOP/APs In Progress
RP/0/B/1000/002 (Control Room Emergency Coordinator Procedure)	✓		
RP/0/B/1000/016 (Medical Response)			
RP/0/B/1000/017 (Spill Response)			
RP/0/B/1000/022 (Major Site Damage)			
RP/0/B/1000/029 (Fire Brigade)			
RP/0/B/1000/009 (Procedure For Site Assembly)			
RP/0/B/1000/010 (Emergency Evacuation/Relocation of Site Personnel)			
Emergency Dose Limits for AP/EOP actions in effect?			

IF Condition A, Dam Failure, has been declared for Keowee Hydro Project,

THEN Provide the following information to the TSC Emergency Coordinator:

- Status of Offsite Agency Notifications _____
- Recommendations made to offsite agencies _____
- Status of relocation of site personnel _____

Status for answering 4911 emergency phone call: Remains in Control Room _____ Responsibility of Ops in OSC _____

Status of Site Assembly (Needed only if after hours, holidays, or weekends _____

Time Next message is due to Offsite Agencies _____ **(Attach all completed Emergency Notification Forms)**

Emergency Coordinator/TSC _____ OSM _____ Time of Turnover _____

Enclosure 4.2

Emergency Classification Termination Criteria

IF The following guidelines **applicable to the present emergency condition** have been met or addressed,

THEN An emergency condition may be considered resolved when:

_____ 1. Existing conditions no longer meet the existing emergency classification criteria and it appears unlikely that conditions will deteriorate further.

_____ 2. Radiation levels in affected in-plant areas are stable or decreasing to below acceptable levels.

_____ 3. Releases of radioactive material to the environment greater than Technical Specifications are under control or have ceased.

_____ 4. The potential for an uncontrolled release of radioactive material is at an acceptably low level.

_____ 5. Containment pressure is within Technical Specification 3.6 requirements.

_____ 6. Long-term core cooling is available.

_____ 7. The shutdown margin for the core has been verified.

_____ 8. A fire, flood, earthquake, or similar emergency condition is controlled or has ceased.

_____ 9. Offsite power is available per Technical Specification requirements.

_____ 10. All emergency action level notifications have been completed.

_____ 11. Hydro Central has been notified of termination of Condition B for Keowee Hydro Project. {2}

- **REFER TO** Section 6 of the Emergency Telephone Directory, (Keowee Hydro Project Dam/Dike Notification).

_____ 12. The Regulatory Compliance Section has evaluated plant status with respect to Technical Specifications and recommends Emergency classification termination.

_____ _____ 13. Emergency terminated. Request the Control Room Offsite Communicator to complete an Emergency Notification Form for a Termination Message using guidance in RP/0/A/1000/015A, (Offsite Communications From The Control Room), and provide information to offsite agencies.
Date/Time Initial

- **GO TO** Step 3.1.

1. Condition A Response - Immediate Actions

NOTE: The Hydro Group will notify the control room/OSM when Condition A/B conditions apply.

Condition A - Failure is Imminent or Has Occurred - A failure at the dam has occurred or is about to occur and minutes or days may be allowed to respond dependent upon the proximity to the dam. (Keowee or Jocassee)

Condition B - Potentially Hazardous Situation is Developing - A situation where failure may develop, but preplanning actions taken during certain events (Major floods, earthquakes) may prevent or mitigate failure. (Keowee)

_____ 1.1 **IF** Condition A, Imminent or Actual Dam Failure (Keowee or Jocassee) exists,

THEN Perform the following actions:

_____ 1.1.1 Provide the following **protective action recommendations** to Oconee County and Pickens County for imminent/actual dam failure.

NOTE: State and County Agencies shall be notified within 15 minutes of Protective Action Recommendations.

_____ A. Provide the following recommendation for Emergency Notification Form Section 5 (B) **Evacuate:** Move residents living downstream of the Keowee Hydro Project dams to higher ground.

_____ B. Provide the following recommendation for Emergency Notification Form Section 5 (E) **Other:** Prohibit traffic flow across bridges identified on your inundation maps until the danger has passed.

_____ 1.2 **IF** Condition A, Imminent or Actual Dam Failure (Keowee or Jocassee) exist,

THEN Notify the Georgia Emergency Management agency 9-(404) 635-7000 or 7200 and National Weather Service 9-(864) 879-1085 or 9-800-268-7785 after the State and Counties are notified.

2. Condition A Response - Subsequent Actions

_____ 2.1 Notify Hydro Central and provide information related to the event.

_____ 2.1.1 **REFER TO** Section 6 of the Emergency Telephone Directory, (Keowee Hydro Project Dam/Dike Notification). {2}

_____ 2.2 Relocate Keowee personnel to the Operational Support Center (OSC) if events occur where their safety could be affected.

_____ 2.2.1 **IF** Keowee personnel are relocated to the OSC,

THEN Notify Hydro Central at 9-(704)-382-6836 or 6838 or 6839.

_____ A. **REFER TO** Section 6 of the Emergency Telephone Directory, (Keowee Hydro Project Dam/Dike Notification). {2}

NOTE: A loss of offsite communications capabilities (Selective Signaling and the Wide Area Network - WAN) could occur within 1.5 hours after Keowee Hydro Dam failure. Rerouting of the Fiber Optic Network through Bad Creek should be started **as soon as possible.**

_____ 2.3 Notify Telecommunications Group in Charlotte to begin rerouting the Oconee Fiber Optic Network.

_____ 2.3.1 **REFER TO** Selective Signaling Section of the Emergency Telephone Directory (page 8).

_____ 2.4 Request Security to alert personnel at the Security Track/Firing Range and Building 8055 (Warehouse #5) to relocate to work areas inside the plant.

NOTE:

- Plant access road to the Oconee Complex could be impassable within **1.5 hours** if the Keowee Hydro Dam fails. A loss of the Little River Dam (Newry Dam) or Dikes A-D will take longer to affect this road.
- PA Announcements can be made by the Control Room using the Office Page Override feature or Security.

_____ 2.5 Make a PA Announcement to relocate personnel at the following locations to the World Of Energy/Operations Training Center.

_____ Oconee Complex

_____ Oconee Garage

_____ Oconee Maintenance Training Facility

_____ 2.6 Dispatch operators to the SSF and establish communications.

_____ 2.7 Initiate the following actions for a Condition A for Keowee OR Jocassee:

_____ 2.7.1 Direct SPOC to initiate relocation of Appendix R equipment and Hale Fire Pump to the ISIFSI or Elevated Water Storage Tank areas.

_____ 2.7.2 Notify Security Supervision to be prepared to relocate Security Officers due to flooding within the protected area and to waive security requirements as needed to support relocation of Appendix R equipment and Hale Fire Pump.

_____ 2.7.3 Recall off shift Operations personnel to assist with shutdown of operating units.

_____ 2.8 **GO TO** Enclosure 4.5, (Emergency Coordinator Parallel Actions) Step 1.11.

3. Condition B Response - Immediate Actions

_____ 3.1 **IF** Condition B at Keowee exists,

THEN Notify Hydro Central 9-(704) 382-6836 and the Georgia Emergency Management Agency 9-(404) 635-7000 or 7200 and National Weather Service 9-(864) 879-1085 or 9-800-268-7785 after the State and Counties are notified.

NOTE: Activation of the ERO is to allow adequate time for the TSC to assess the need to relocate B.5.b equipment in the event of an anticipated upgrade to a Condition A.

_____ 3.2 Activate the ERO.

_____ 3.3 **GO TO** Enclosure 4.5, (Emergency Coordinator Parallel Actions) Step 1.11.

1. Activate ERO Pagers as follows:

NOTE: Pressing more than one Panel Button may be required. Read all Steps to ensure the appropriate Activation Panel buttons are pressed.

_____ 1.1 Press ERO Pager Activation Panel "Test" Button. (Green) {6}

NOTE:
- For Security events **DO NOT** press Buttons 1, 2, 3 **OR** 4 along with either Button 6 **OR** 10.
- For flooding/dam failures/earthquake conditions it is assumed that bridges may be impassable to reach emergency facilities so either Button 2 **OR** 4 should be used for those events.
- Activating Button 6 **OR** 10 recalls the ERO to the Clemson assembly area.
- For a station blackout press Button 5 to activate alternate TSC/OSC. (to reduce number of people in Control Rooms for heat reduction) {15}

_____ 1.2 **IF** ERO activation for an Emergency (ONS Emergency) is required,

THEN Press ERO Pager Activation Panel Button **1**.

_____ 1.3 **IF** ERO activation is for an Emergency affecting bridges (ONS Emergency Bridges) is required.

THEN Press ERO Pager Activation Panel Button **2**.

_____ 1.4 **IF** ERO activation for a Drill (ONS Drill) is required,

THEN Press ERO Pager Activation Panel Button **3**.

_____ 1.5 **IF** ERO activation for a Drill affecting bridges (ONS Drill Bridges) is required,

THEN Press ERO Pager Activation Panel Button **4**.

WARNING: Activating the Alternate TSC and OSC during Security events involving an intrusion/attempted intrusion into the site is not recommended. {4}

_____ 1.6 **IF** Alternate TSC/OSC will be used,

THEN Press ERO Pager Activation Panel Button **5**.

_____ 1.7 **IF** ERO activation for an Emergency **AND** a Security Event is in progress,

THEN Press ERO Pager Activation Panel Button **6.**

_____ 1.8 **IF** ERO activation for a Drill **AND** a Security Event is in progress

THEN Press ERO Pager Activation Panel Button **10.**

_____ 1.9 Wait one minute and repeat Steps 1.1 - 1.8.

_____ 1.10 Monitor ERO pager and verify that message has been provided to the ERO.

_____ 1.11 **IF** Message is **NOT** displayed on ERO Pager,

THEN Notify Security to activate ERO Pagers, **REFER TO** Enclosure 4.8 (ERO Pager Activation By Security).

NOTE:
- **DO NOT** perform Step 1.12 until Security has determined that is is safe to recall ERO personnel to the site.
- Security may be in the process or have already performed this process per SP/C/1629-O.

_____ 1.12 **IF** ERO activation is after normal working hours

THEN Mark the following condition that exists as determined in Steps 1.2 through 1.8:

_____	ONS Emergency	**Message 2**
_____	ONS Emergency - Bridges	**Message 20**
_____	ONS Emergency - Security Event	**Message 21**
_____	ONS Emergency - Bridges **AND** Security Event	**Message 22**
_____	ONS Drill	**Message 1**
_____	ONS Drill - Bridges	**Message 10**
_____	ONS Drill - Security Event	**Message 11**
_____	ONS Drill - Bridges **AND** Security Event	**Message 12**

AND

____ **THEN** Notify Security at extension 3636 (Dial 2309 if no response is received) and request the Security Officer to pull a copy of Security Procedure SP/C/1629-O, (Security Support of Site Emergency Response) and request them to activate the Nuclear Callout System, Enclosure 4.5, using event description and message number determined above.

1. Emergency Coordinator Assistant's Parallel Actions

_____ 1.1 **IAAT** Changing plant conditions require an emergency classification upgrade,

THEN Re-initiate a clean copy of this enclosure and stop this enclosure.

> **NOTE:** An open line to the NRC may be required.
>
> Notifications to the NRC are required within one (1) hour of declaration of the emergency classification level.

_____ 1.2 Appoint an SRO to make notifications to the NRC.

NRC Communicator (SRO) Name _____

_____ 1.3 Direct the NRC Communicator to complete the OMP 1-14 NRC Event Notification Worksheet and Plant Status Sheet (located on OPS Web page under "Forms and Reports").

> **NOTE:** The NRC Communicator is responsible for activating ERDS.
>
> Activating ERDS is **NOT** required for an Unusual Event classification.

_____ 1.4 Direct the NRC Communicator to start the Emergency Response Data System (ERDS) for units(s) involved, within one (1) hour of an emergency classification of Alert or higher. **REFER TO** RP/0/B/1000/003A, (ERDS Operation).

> **NOTE:** Notifications per NSD 202 for 10CFR50.72, requires **ALL** reportable items that are met or exceeded to be reported in addition to the NRC Event Notification Worksheet and Plant Status Sheet required within 1 hour of the event declaration.

_____ 1.5 **IAAT** Plant conditions require NRC notification under 10CFR50.72,

THEN Direct the CR NRC Communicator to provide this notification using the guidance in OMP 1-14, (Notifications).

_____ 1.6 **IF** the Emergency Response Organization is **NOT** needed to assist with the Unusual Event emergency activities

AND personnel accountability is **NOT** desired,

THEN **GO TO** Step 1.8.

WARNING: Conducting Site Assembly during a Security Event may **NOT** be prudent.

_____ 1.7 **IAAT** the OSM directs that a Site Assembly be initiated,

THEN Initiate Site Assembly per RP/0/A/1000/009, (Procedure For Site Assembly), Enclosure 4.1 and 4.3.

_____ 1.8 **IAAT** Any Area Radiation Monitor is increasing or is in ALARM,

OR Steam Line Break has occurred,

THEN Contact shift RP to dispatch onsite monitoring teams.

_____ 1.9 **IF** This is a General Emergency,

THEN Initiate evacuation of all non-essential personnel from the site after personnel accountability has been reached. **REFER TO** RP/0/B/1000/010, (Procedure for Emergency Evacuation/Relocation of Site Personnel).

_____ 1.10 **IAAT** If notified by the Hydro Group that Condition A Imminent or Actual Dam Failure (Keowee or Jocassee),

OR Condition B (Keowee) exists,

THEN **REFER TO** Enclosure 4.3, (Condition A/Condition B Response Actions), for additional PAR and/or response actions.

_____ 1.11 **IAAT** Large scale fire or flood damage has occurred or is occurring,

THEN Initiate RP/0/B/1000/022, (Major Site Damage) and /or RP/0/B/1000/029, (Fire Brigade Response).

_____ 1.12 **IAAT** A Security Event is in progress,

THEN Verity that the 15 minute notification for the Security event has been made to the NRC. {12}

_____ 1.13 **IAAT** A hazardous substance has been released,

THEN Initiate RP/0/B/1000/017, (Spill Response).

NOTE: Priority should be placed on providing treatment for the most life-threatening event (i.e., medical versus radiation exposure - OSC procedure RP/0/B/1000/011, (Planned Emergency Exposure). The Emergency Coordinator may authorize (either verbal or signature) exposures greater than 25 rem TEDE (Total Effective Dose Equivalent) for life saving missions.

_____ 1.14 **IAAT** A medical response is required,

THEN Initiate RP/0/B/1000/016, (MERT Activation Procedure For Medical, Confined Space and High Angle Rescue Emergencies)

_____ 1.14.1 Document verbal approval of Planned Emergency Exposures required for life saving missions in the Control Room Emergency Coordinator Log.

_____ 1.15 Select from the following and announce over the Plant Public Address System:

_____ **Drill Message:**

Attention all site personnel. This is _____(*name*). I am the Emergency Coordinator.

This is a drill. This is a drill

- At this time a _____(emergency classification) has been declared for _____ (affected unit).
- The current plant condition is _____ (stable, degrading, improving, what has happened, etc.).
- **IF** A release has occurred or is suspected **AND/OR** a site assembly has been activated

  THEN Announce the following:

  No eating or drinking until the area is cleared by RP.

_____ **Emergency Message**

Attention all site personnel. This is _____(*name*). I am the Emergency Coordinator.

This is an emergency message.

- At this time a _____(emergency classification) has been declared for _____ (affected unit).
- The current plant condition is _____ (stable, degrading, improving, what has happened, etc.).
- **IF** A release has occurred or is suspected **AND/OR** a site assembly has been activated

  THEN Announce the following:

  No eating or drinking until the area is cleared by RP

CAUTION: Use of the Outside Air Booster Fans during a Security Event may introduce incapacitating agents in the Control Room.

NOTE: The Outside Air Booster Fans (Control Room Ventilation System - CRVS are used to provide positive pressure in the Control Room to prevent smoke, toxic gases, or radioactivity from entering the area as required by NuReg 0737.

Chlorine Monitor Alarm will either stop the Air Booster Fans or will not allow them to start.

Items to consider for operation of the Outside Air Booster Fans: Security events, Smoke or toxic gases may enter the Control Room, RIA-39 in ALARM, Dose levels in CR/TSC/OSC

_____ 1.16 Evaluate operation of the Outside Air Booster Fans.

NOTE: 10CFR50.54(x) allows for reasonable actions that depart from a License Condition or Technical Specification to be performed in an emergency when this action is immediately needed to protect the health and safety of the public and no action consistent with the License Condition or Technical Specification that can provide adequate or equivalent protection is immediately apparent.

10CFR50.54 (y) requires approval of any 10CFR50.54(x) actions by an SRO at minimum.

Implementation of Oconee Severe Accident Guidelines (OSAG) requires the use of 10CFR50.54 (x) and (y) provisions.

_____ 1.17 **IAAT** Plant conditions require a decision to implement 10CFR50.54(x),

THEN Perform the following Steps:

_____ 1.17.1 Document decision and actions taken in the affected unit's log.

_____ 1.17.2 Document decision and actions taken in the Emergency Coordinator Log.

NOTE: NRC must be notified of any 10CFR50.54(x) decisions and actions within one (1) hour.

_____ 1.17.3 Direct the CR NRC Communicator to report decision and actions taken to the NRC.

_____ 1.18 ENSURE Site Assembly has been considered, is in progress, or complete. Refer to RP/0/A/1000/009, Procedure for Site Assembly.

NOTE: Refer to the appropriate enclosures in RP/0/A/1000/001, (Emergency Classification) to determine the Emergency Classification.

Indication	Value	Reference Enclosure
RIA-3	Valid High Alarm	4.3
RIA-6	Valid High Alarm	4.3
RIA-7	≥ 150 mRad/Hr	4.3
RIA-8	≥ 4200 mRad/Hr	4.3
RIA-10	≥ 830 mRad/Hr	4.3
RIA-11	≥ 210 mRad/Hr	4.3
RIA-12	≥ 800 mRad/Hr	4.3
RIA-13	≥ 650 mRad/Hr	4.3
RIA-15	≥ 5000 mRad/Hr	4.3
RIA-16	is or has been in High **or** Alert alarm (>2.5 mR/Hr)	N/A
RIA-17	is or has been in High **or** Alert alarm (>2.5 mR/Hr)	N/A
RIA-33	≥ 4.06E06 cpm for > 60 minutes **or** in High Alarm	4.3
RIA-41	Valid High Alarm	4.3
RIA-45	≥ 1.33E06 cpm for > 60 minutes	4.3
RIA-46	≥ 2.09E04 cpm or ≥ 2.09E05 or ≥ 2.09E06 for > 15 minutes	4.3
RIA-49	Valid High Alarm	4.3
1,3RIA-57	≥ 1.0 R/Hr	4.1
2RIA-57	≥ 1.6 R/Hr	4.1
1,2,3RIA-58	≥ 1.0 R/Hr	4.1
RIA-57/58	≥ RP/0/B/1000/001 Encl. 4.8 values	4.3
Projected Dose Calculations	> 100 mrem TEDE or > 500 mrem CDE Adult Thyroid at Site Boundary	4.3, 4.7
Analyzed Field Monitoring Surveys	≥ 500 mrem CDE Adult Thyroid on one hour of inhalation	4.3
Field Monitoring Indications	≥ 100 mRad/Hr at Site Boundary expected to continue for > one hour	4.3
Control Room, CAS, or Radwaste CR Radiation Levels	Valid Reading ≥ 15 mRad/Hr	4.3
Damaged Spent Fuel Storage Cask at ISFSI	1 R/Hr reading at 1 foot	4.3
Portable Monitor on Main or Spent Fuel Bridge	Unplanned Valid Reading Increase or High Alarm	4.3
Liquid Release	> SLC 16.11.1 values	4.3
Gaseous Release	> SLC 16.11.2 values	4.3

Enclosure 4.7

Summary of IAAT Steps

IF AT ANY TIME:

Immediate Actions

(2.6) changing plant conditions require an emergency classification upgrade...

(2.7) The Hydro Group notified the control room that Condition A, Imminent or Actual Dam Failure (Keowee or Jocassee) or Condition B at Keowee exists...

(2.14) abnormal radiation levels or releases are occurring or have occurred...

Subsequent Actions

(3.1) an Unusual Event classification is being terminated...

(3.2) the TSC or EOF is ready to accept turnover...

Enclosure 4.5, Emergency Coordinator Assistant's Parallel Actions

(1.1) changing plant conditions require an emergency classification upgrade...

(1.5) plant conditions require NRC notification under 10CFR50.72...

(1.7) the OSM directs that a Site Assembly be initiated...

(1.8) any Area Radiation Monitor is increasing or in ALARM, **OR** a Steam Line Break has occurred,

(1.10) if notified by the Hydro Group that Condition A, Imminent or Actual Dam Failure (Keowee or Jocassee) **OR** Condition B (Keowee) exists...

(1.11) large scale fire or flood damage has occurred **OR** is occurring...

(1.12) a Security Event is in progress...

(1.13) a hazardous substance has been released...

(1.14) a medical response is required...

(1.17) plant conditions require a decision to implement 10CFR50.54(x)...

1. Symptoms

_____ 1.1 Activation of the ERO Pagers using the ERO Pager Activation Panel in the TSC was unsuccessful.

2. Immediate Actions

_____ 2.1 Activate the Emergency Response Organization (Technical Support Center, Operational Support Center, and Emergency Operations Facility) by completing the following actions:

_____ 2.1.1 REFER TO Enclosure 4.4, ERO Pager Activation, and select the appropriate Button(s) to be activated by Security.

_____	ONS Emergency	**Button 1**
_____	ONS Emergency Bridges	**Button 2**
_____	ONS Drill	**Button 3**
_____	ONS Drill Bridges	**Button 4**
_____	Alternate TSC/OSC	**Button 5**
_____	Emergency **AND** a Security Event In Progress	**Button 6**
_____	Drill **AND** a Security Event In Progress	**Button 10**

_____ 2.1.2 Notify Security

_____ A. Dial 3636 (Dial 2309 if no response is received).

Security Officer Name _____

_____ B. Identify yourself and provide call back number.

_____ C. Read the following information to the Security Officer:

"The Emergency Response Organization is being activated for an emergency related to Unit # _____. The Control Room has been unsuccessful in activating the ERO Pagers. Security is being requested to activate the pagers from the Security Switchboard or SAS.

_____ D. Request the Security Officer to pull a copy of Security Procedure SP/C/1629-O, (Security Support of Site Emergency Response) and go to Enclosure 4, Step 1 and place a check beside the Button numbers as you provide them.

_____ E. Provide Button numbers that you identified in Step 2.1.1.

_____ F. Request the Security Officer to activate ERO Pagers using the Button(s) numbers just provided.

_____ G. Record time requested.

Time request made: _____

_____ 2.1.3 Return to Enclosure 4.4, Step 1.13.

The following definitions apply when determining Event Prognosis for completing line #8 on the Emergency Notification Form.

Degrading: Plant conditions involve at least one of the following:

- Plant parameters (ex. temperature, pressure, level, voltage, frequency) are trending unfavorably away from expected or desired values AND plant conditions could result in a higher classification or Protective Action Recommendation (PAR) before the next follow-up notification.
- Site conditions (ex. wind, ice/snow, ground tremors, hazardous/toxic/radioactive material leak, fire, Security event) impacting plant operations or personnel safety are worsening AND plant conditions could result in a higher classification or Protective Action Recommendation (PAR) before the next follow-up notification

Improving: Plant conditions involve at least one of the following:

- Plant parameters (ex. temperature, pressure, level, voltage, frequency) are trending favorably toward expected or desired values AND plant conditions could result in a lower classification or emergency termination before the next follow-up notification.
- Site conditions (ex. wind, ice/snow, ground tremors hazardous/toxic/radioactive material leak, fire, Security event) have become less of a threat to plant operations or personnel safety AND plant conditions could result in a lower classification or emergency termination before the next follow-up notification.

Stable: Plant conditions are neither degrading nor improving. {10}

1. PIP O-01-01395
2. PIP O-01-03460
3. PIP O-01-03696
4. PIP O-02-01452
5. PIP O-02-03705
6. PIP-O-04-06494
7. PIP-O-04-04755
8. PIP-O-04-07469
9. PIP-O-05-01642
10. PIP-O-05-03349
11. PIP-O-05-02980
12. PIP-O-05-04697
13. PIP-O-07-06549
14. PIP-O-08-01712
15. PIP-O-13-01001
16. PIP O-12-03091

Duke Energy

PROCEDURE CHANGE PROCESS RECORD

(1) ID No.RP/0/A/1000/002_

Revision No. 00
Permanent/Restricted to
_____

(2) Station: OCONEE NUCLEAR STATION

(3) Procedure Title: Control Room Emergency Coordinator Procedure

(4) Section(s) of Procedure Affected: ___

(5) Requires NSD 228 Applicability Determination?

☐ Yes (Procedure change with major changes) - Attach NSD 228 documentation.

☒ No (Procedure change with minor changes)

(6) Description of Change: *(Attach additional pages, if necessary.)*
To align our E-Plan Implementing Procedures with NSD 703 permanent technical procedures requirements as determined by PIP O-12-1590, ONS Emergency Planning will revise the procedure titles (as procedure revisions become necessary) to incorporate the Safety Classification to "A" instead of "B".

(7) Reason for Change:
NSD 703.5.1, permanent technical procedures are used to direct station activities during operating, testing, refueling, maintenance, and modifications. These procedures provide guidance for activities that are of repetitive nature, or when conditions requiring the procedure may occur in the future and the procedure is essential if the situation occurs.

(8) Prepared By* Don Crowl (Signature) _____ Date 9-23-13

(9) Reviewed By* Robert Taylor _____ (QR)(KI) Date 9/23/13

Cross-Disciplinary Review By* _____ (QR)(KI) NA RE2 Date 9/23/13

Reactivity Mgmt. Review By* _____ (QR) NA RE2 Date 9/23/13

Mgmt. Involvement Review By* _____ (Ops. Supt.) NA RE2 Date 9/23/13

(10) Additional Reviews

Reviewed By* _____ Date _____

Reviewed By* _____ Date _____

(11) Approved By* PATRICK M STAGG _____ Date 9/25/13

* *Printed Name and Signature*

§50.54(q) Screening Evaluation Form

Activity Description and References: Control Room Emergency Coordinator Procedure rev. 00 BLOCK 1

Activity Description:
To align our E-Plan Implementing Procedures with NSD 703 permanent technical procedures requirements as determined by PIP O-12-1590, ONS Emergency Planning will revise the procedure titles (as procedure revisions become necessary) to incorporate the Safety Classification to "A" instead of "B".

Reason for Change:
NSD 703.5.1, permanent technical procedures are used to direct station activities during operating, testing, refueling, maintenance, and modifications. These procedures provide guidance for activities that are of repetitive nature, or when conditions requiring the procedure may occur in the future and the procedure is essential if the situation occurs.

Activity Scope: BLOCK 2

☒ The activity is a *change* to the *emergency plan*

☐ The activity is not a *change* to the *emergency plan*

Change Type: BLOCK 3

☐ The change is editorial or typographical
☒ The change is not editorial or typographical

Change Type: BLOCK 4

☐ The change does conform to an activity that has prior approval
☒ The change does not conform to an activity that has prior approval

Planning Standard Impact Determination: BLOCK 5

☐ §50.47(b)(1) – Assignment of Responsibility (Organization Control)
☐ §50.47(b)(2) – Onsite Emergency Organization
☐ §50.47(b)(3) – Emergency Response Support and Resources
☐ **§50.47(b)(4) – Emergency Classification System***
☐ **§50.47(b)(5) – Notification Methods and Procedures***
☐ §50.47(b)(6) – Emergency Communications
☐ §50.47(b)(7) – Public Education and Information
☐ §50.47(b)(8) – Emergency Facility and Equipment
☐ **§50.47(b)(9) – Accident Assessment***
☐ **§50.47(b)(10) – Protective Response***
☐ §50.47(b)(11) – Radiological Exposure Control
☐ §50.47(b)(12) – Medical and Public Health Support
☐ §50.47(b)(13) – Recovery Planning and Post-accident Operations
☐ §50.47(b)(14) – Drills and Exercises
☐ §50.47(b)(15) – Emergency Responder Training
☐ §50.47(b)(16) – Emergency Plan Maintenance

***Risk Significant Planning Standards**

☒ The proposed activity does not impact a Planning Standard

Commitment Impact Determination: BLOCK 6

☐ The activity does involve a site specific EP commitment
Record the commitment or commitment reference: _____

☒ The activity does not involve a site specific EP commitment

Results: BLOCK 7
This title change is a result of an INOS PIP O-12-1590 making the determination that NSD 703 section 5.1 requires all Emergency Response Procedures to be permanent technical procedure thus resulting in all ONS E-Plan Implementing Procedure having a Safety Classification designation letter of "A" and not "B" in the ID number of that procedure. This title revision in no way compromises the contents of the procedure or its effectiveness of use during an emergency event. Nor does this title ID change affect the required review period for this procedure of every 6 years. It has been determined that this revision will not reduce the effectiveness of this emergency response procedure. The revision to the step number is an editorial change only. No changes to content or intent. This revision does not require a 5054Q effectiveness evaluation due to a reduction in the effectiveness of the E-Plan.

☒ The activity can be implemented without performing a §50.54(q) effectiveness evaluation
☐ The activity cannot be implemented without performing a §50.54(q) effectiveness evaluation

Preparer Name:	Preparer Signature:	Date:
Don Crowl		9-23-13
Reviewer Name:	**Reviewer Signature:**	**Date:**
Robert Taylor	Robert Taylor	9/23/13

Procedure Title: Control Room Emergency Coordinator Procedure

SUMMARY OF CHANGES: (DESCRIPTION AND REASON)

General Changes

This change is to renumber/reclassify procedures from RP/0/B/1000/002 to RP/0/A/1000/002, no changes to intent or content.

Reason for Change:
NSD 703.5.1, permanent technical procedures are used to direct station activities during operating, testing, refueling, maintenance, and modifications. These procedures provide guidance for activities that are of repetitive nature, or when conditions requiring the procedure may occur in the future and the procedure is essential if the situation occurs.

PCR Numbers Incorporated

ONS-

Enclosure

Appendix C. 228. APPLICABILITY DETERMINATION (Rev. 8)

PART I – ACTIVITY DESCRIPTION

DUKE ENERGY CAROLINAS, LLC SITE	UNIT(S)
☒ Oconee ☐ McGuire ☐ Catawba	☒ Unit 1 ☒ Unit 2 ☒ Unit 3

ACTIVITY TITLE/DOCUMENT/REVISION: RP/0/A/1000/002 Control Room Emergency Coordinator Procedure Rev. 00

PART II – PROCESS REVIEW

For each activity, address all of the questions below. If the answer is "YES" for any portion of the activity, apply the identified process(es) to that portion of the activity. Note: It is not unusual to have more than one process apply to a given activity.

Will implementation of the above activity require a change to the:

1.	Technical Specifications (TS) or Operating License?	☒ NO	☐ YES	If YES, process as a license amendment per NSD 227.
2.	Quality Assurance Topical?	☒ NO	☐ YES	If YES, seek assistance from Independent Nuclear Oversight.
3.	Security Plans? (See Appendix H)	☒ NO	☐ YES	If YES, process per the Nuclear Security Manual.
4.	Emergency Plan?	☐ NO	☒ YES	If YES, process per the Emergency Planning Functional Area Manual.
5.	Inservice Testing Program Plan?	☒ NO	☐ YES	If YES, process per site IST Program for ASME code compliance and related facility changes.
6.	Inservice Inspection Program Plan?	☒ NO	☐ YES	If YES, process per Materials, Metallurgy and Piping Inservice Inspection FAM for ASME code compliance and related facility or procedure changes.
7.	Fire Protection Program Plan?	☒ NO	☐ YES	If YES, evaluate activity in accordance with NSD 320.
	7a- Utilize Appendix E to address Fire Protection Program Plan Impact.		☒ YES	Check to confirm use of Appendix E Screening Questions.
8.	Regulatory Commitments?	☒ NO	☐ YES	If YES, process per NSD 214.
9.	Code of Federal Regulations?	☒ NO	☐ YES	If YES, contact the Regulatory Compliance Group.
10.	Programs and manuals listed in the Administrative Section of the TS?	☒ NO	☐ YES	If YES, contact the Regulatory Compliance Group.

PART IIIa – 10 CFR 72.48 APPLICABILITY

For each activity, address the question below. If the answer to question 11 is "YES," and questions 14 and 17 are answered "NO," then process the activity per NSD 211 - 10 CFR 72.48 does apply.

11.	Does the activity involve SSCs, procedures or conduct tests or experiments that support/impact the loading or transport of the canister/cask to the ISFSI, the ISFSI facility, spent fuel cask design?	☒ NO	☐ YES

PART IIIb – 10 CFR 50.59 APPLICABILITY

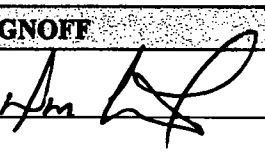
For each activity, address all of the questions below. If the answer to question 18 is "YES," then 10 CFR 50.59 does not apply. If the answer to question 18 is "NO," then process the activity per NSD 209 – 10 CFR 50.59 applies.

12.	Does the activity involve a procedure, governed by NSD 703 that has been excluded from the 10CFR 50.59 process per NSD 703, Appendix N and the exclusion status remains valid?	☒ NO	☐ YES
13.	Does the activity involve an administrative procedure governed by NSD 100 that does not contain information regarding the operation and control of Structures, Systems, and Components?	☒ NO	☐ YES
14.	Does the activity involve a type of Engineering Change that NSD 301 excludes from the 10CFR 50.59 and/or 10 CFR 72.48 Processes? Consult NSD 301 for assistance.	☒ NO	☐ YES
15.	Does the activity involve (a) maintenance activities that restore SSCs to their as-designed condition (including activities that implement approved design changes) or (b) temporary alterations supporting maintenance that will be in effect during at-power operations for 90 days or less?	☒ NO	☐ YES
16.	Does the activity involve a UFSAR modification that NSD 220 excludes from the 10CFR 50.59 Process? Consult NSD 220 for assistance.	☒ NO	☐ YES
17.	Does the activity involve NRC and/or Duke Energy Carolinas, LLC approved changes to the licensing basis?	☒ NO	☐ YES
18.	Are **ALL** aspects of the activity bounded by one or more "YES" answers to questions 1 through 17, above?	☐ NO	☒ YES

PART IV – UFSAR REVIEW

19.	Does the activity require a modification, deletion, or addition to the UFSAR to satisfy the UFSAR content requirements of 10 CFR 50.34(b), 10 CFR 50.71(e), or Regulatory Guide (RG) 1.70? Consult NSD220 for assistance. IF YES, process per NSD 220.	☒ NO	☐ YES

PART V – SIGNOFF

(Print Name) Don Crowl (Sign)  Date 9-23-13

Applicability Determination Preparer