



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.

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James D. Jones
Emergency Preparedness Manager

JAFP-16-0053
April 5, 2016

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: Transmittal of Emergency Plan Updates
James A. FitzPatrick Nuclear Power Plant
Docket No.50-333
License No. DPR-059

Dear Sir or Madam:

The documents enclosed with this letter are changes to the James A. FitzPatrick Nuclear Power Plant's (JAF) Emergency Plan made pursuant to 10 CFR 50.54(q). This transmittal fulfills the requirements of 10 CFR 50.54(q), 10 CFR 50 Appendix E Section V, 10 CFR 70.32(i), and 10 CFR 72.44(f) to inform the Commission of changes that have been made which do not decrease the effectiveness of the Emergency Plan.

The following documents (including change documentation and screening) are attached:

- EN-EP-801 – Revision 13

This letter contains no new regulatory commitments.

If you should have any questions, please contact Mr. James D. Jones at (315) 349-6030.

Sincerely,

A handwritten signature in black ink, appearing to read "J.D. Jones", followed by the word "(acting)" in parentheses.

James D. Jones
Emergency Preparedness Manager

JDJ:cfv

AX45
NRR

Enclosure(s):

Including change documentation and screening:

- EN-EP-801, Revision 13

cc w/o procedure documentation and screening:


USNRC (I&E) Regional Administrator, Region I – Controlled – 2 Copies
NRC Resident Inspector – Controlled – 1 Copy
NRC Director NMSS – Uncontrolled – 1 Copy
NRC Director Division of Spent Fuel Storage and Transportation – Uncontrolled - 1 Copy
NRC Director, Division of Security Policy – Uncontrolled – 1 Copy
NYSEMO – Controlled – 1 Copy
OCEMO – Controlled – 1 Copy

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Enclosures

EN-EP-801 – Revision 13

(including change documentation and screening)

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		INFORMATIONAL USE		
NRC Correspondence				

ATTACHMENT 9.4

NRC SUBMITTAL REVIEW

Sheet 1 of 2

Letter #: JAFP-16-0053

Response Due: 04/05/2016

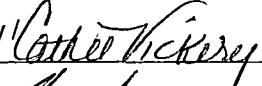
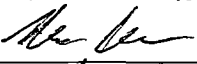
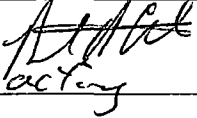
Subject: Transmittal of Emergency Plan Updates

Date Issued for Review: 03/29/2016

Correspondence Preparer / Phone #: Cathee Vickery 315-349-6777

Section I


Letter Concurrence and Agreement to Perform Actions

POSITION / NAME	Action (concurrence, certification, etc.)	Signature (sign, interoffice memo, e-mail, or telecom)
Emergency Planning Dept.	Preparer/Reviewer	Cathee Vickery 
Licensing Department	Concurrence	Mark Hawes / 
Emergency Preparedness Manager	Approver	James D. Jones /  acting
COMMENTS		
EN-EP-801, Revision 13		

Section II

Correspondence Screening

Does this letter contain commitments? If "yes," identify the commitments with due dates in the submittal and in Section III. When fleet letters contain commitments, a PCRS LO (e.g., LO-LAR, LO-WT) should be initiated with a CA assigned to each applicable site to enter the commitments into the site's commitment management system.	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter contain any information or analyses of new safety issues performed at NRC request or to satisfy a regulatory requirement? If "yes," reflect requirement to update the UFSAR in Section III.	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter require any document changes (e.g., procedures, DBDs, FSAR, TS Bases, etc.), if approved? If "yes," indicate in Section III an action for the responsible department to determine the affected documents. (The Correspondence Preparer may indicate the specific documents requiring revision, if known or may initiate an action for review.)	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter contain information certified accurate? If "yes," identify the information and document certification in an attachment. (Attachment 9.5 must be used.)	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>

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Section III

Actions and Commitments

Required Actions <i>Note: Actions needed upon approval should be captured in the appropriate action tracking system</i>	Due Date	Responsible Dept.
N/A		
Commitments <i>Note: When fleet letters contain commitments, a PCRS LO should be initiated with a CA assigned to each applicable site to enter the commitments into the site's commitment management system.</i>	Due Date	Responsible Dept.
N/A		

Section IV Final Document Signoff for Submittal

Correspondence Preparer	Cathee Vickery / <i>Cathee Vickery</i>
Final Submittal Review (optional)	N/A
Responsible Department Head	James D. Jones / <i>[Signature] (active)</i>

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Procedure Contains NMM ECH eB REFLIB Forms: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Procedure Revision Type: New <input type="checkbox"/> NON-Editorial <input checked="" type="checkbox"/> Editorial <input type="checkbox"/> TC <input type="checkbox"/> Cancellation <input type="checkbox"/>

HQN Effective Date 3/25/2016	Procedure Owner: Title: Site:	Dean Burnett Director, Emergency Programs HQN	Governance Owner: Title: Site:	Mary Ann Wilson Director, Emergency Programs HQN
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Site	Site Procedure Champion	Title
ANO	Robert Carey	Manager, EP
BRP	N/A	N/A
CNS	N/A	N/A
GGNS	Jeff Seiter	Manager, EP
IPEC	Lori Glander	Manager, EP
JAF	James Jones	Manager, EP
PLP	Dan Malone	Manager, EP
PNPS	Donna Calabrese	Manager, EP
RBS	Tim Schenk	Manager, EP
VY	N/A	N/A
W3	John Signorelli	Manager, EP
HQN	David Townsend	Project Manager, EP

For site implementation dates see ECH eB REFLIB using site tree view (Navigation panel)

Site and NMM Procedures Canceled or Superseded By This Revision

Process Applicability Exclusion: All Sites: ☐

Specific Sites: ANO ☐ BRP ☐ CNS ☐ GGNS ☐ IPEC ☒ JAF ☐ PLP ☒ PNPS ☒ RBS ☒ VY ☐ W3 ☒

Change Statement

- Added NEI 99-02, Regulatory Assessment Performance Indicator Guideline as a reference.
- Revised Attachment 9.1, Fleet Standard ERO Position Titles, to address site staffing of the IT Specialist position. Added, "Site(s) may staff position in both facilities due to site specific needs" to footnote 1.
- Revised Attachment 9.7, ANO Site Specific ERO Information, under the EOF added comment that the IT Specialist position is staffed in the TSC or EOF.
- Revised Attachment 9.12, PNPS Site Specific ERO Information, to remove the statement in the Radiological Coordinator row that states "May perform back-up dose assessment". CR-PNP-2015-2405
- Revised Attachment 9.12, PNPS Site Specific ERO Information, reduced the Phone Team, Admin Team, Media Assistants, and A/V Assistants by 1 person per team in the JIC.
- Revised Attachment 9.13, RBS Site Specific ERO Information, to remove the comment associated with Emergency Plant Manager which stated "Can perform ED functions".
- Revised Attachment 9.13, RBS Site Specific ERO Information, to remove the comment associated with IT Specialist which stated "Can perform EOF offsite Communicator functions (3 of 4 communicators must report within 75 minutes)".
- Revised Attachment 9.13, RBS Site Specific ERO Information, to remove the TSC Dose Assessor and all information associated as this position no longer exists in the RBS TSC.
- Revised Attachment 9.13, RBS Site Specific ERO Information, to remove the following positions and all information associated as they do not exist any longer in the RBS JIC: Information Coordinator, Log Keeper, JIC Logistics Coordinator, Inquiry Response Coordinator, Inquiry Response Staff, Credentialing, Admin Support.

Associated PRHQN #: CR-PRHQN-2015-0326

Procedure Writer: David K. Townsend

Contains Proprietary Information: YES ☐ NO ☒



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1.0 PURPOSE


- [1] Every person's job at each fleet nuclear site has three components: everyday work, outage support and emergency response. This procedure outlines expectations and responsibilities for Emergency Response Organization (ERO) members, Site Management and the Emergency Planning staff to support the successful implementation of emergency response at any of the sites.
- [2] It is the goal of Emergency Planning to maintain a response organization with four qualified ERO teams.
- [3] The procedure outlines responsibilities for personnel assigned to an ERO position and for other company personnel who may be called upon to support an emergency response effort, but are not directly assigned to an ERO position.

2.0 REFERENCES

- [1] 10CFR50.47(b)1, (b)2
- [2] Emergency Plans
- [3] EN-OP-115, Conduct of Operations
- [4] Company Policy No PL-108, Emergency Management Policy
- [5] Company Policy No PL-147, Personnel Expectations Related to Emergency Response at Entergy Nuclear Sites
- [6] EN-EP-310, Emergency Response Organization Notification System
- [7] NEI 99-02, Regulatory Assessment Performance Indicator Guideline

3.0 DEFINITIONS

- [1] Activation – Actions taken to staff and setup an emergency response facility to make it operational. Actions include but are not limited to notification of emergency personnel, equipment setup and equipment operability testing.
- [2] Augmentation – Actions taken to support on-shift personnel or the Emergency Response Organization
- [3] Call-in ERO members – Personnel who are members of the ERO but are not on a rotational team for an assigned duty position. These ERO members do not normally carry pagers/cellular telephones and are not included in the automated ERO notification. They are called-in to respond to an emergency if needed to fill positions associated with their normal job function.

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3.0 cont

- [4] Emergency Response Organization (ERO) – Personnel who are qualified to respond to emergency events and perform duties as outlined in site emergency plans.
- [5] Emergency Notification System (ENS) – Is part of the Federal telephone System (FTS) used to provide initial notification to, and ongoing communication with, NRC personnel in an emergency. The ENS is usually available in the Control Room, TSC, and EOF.
- [6] Emergency Response Facility (ERF) – facilities dedicated to be used for responding to an emergency (i.e. Control Room, EOF, TSC, OSC, JIC).
- [7] Minimum Staffing – The on-shift and augmented staff shown in the emergency plan table of minimum staffing (Table B-1 equivalent) required to provide facility accident response capability in key functional areas.
- [8] Operational - Status of an emergency facility declared by the appropriate facility manager upon determining that the facility is adequately staffed and equipment is setup and available to assume/perform the emergency functions assigned to that facility.
- [9] Performance Indicator (PI) – objective data regarding licensee performance in the ROP cornerstones of safety and security
- [10] Response Time Goals - The emergency response facilities may be activated at any time and shall be activated at an Alert, Site Area Emergency, or General Emergency declaration. Once activated, the facility shall become operational as soon as possible (without delay) after declaration of any of these emergency classifications. Otherwise, it is the goal to be operational within the response time goals established by the site emergency plan or procedure. Response time goals are included in Attachments 9.7 through Attachment 9.14 of this procedure.
- [11] Site Specific ERO Positions – ERO Positions assigned at an Entergy facility that are in addition to the fleet standard ERO.

4.0 RESPONSIBILITIES

4.1 All employees who may respond to an emergency are responsible to:

- [1] Maintain ERO qualifications current.
- [2] Adhere to all of the applicable regulations and procedures.
- [3] Maintain a constant awareness of the event status and aggressively pursue actions to mitigate and resolve emergency conditions.
- [4] Apply radiological safety and ALARA concepts to minimize personnel exposure.

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- [5] Use human performance error prevention tools.
- [6] Maintain an adequate knowledge and understanding of the assigned ERO position, emergency response facility and applicable procedures and the ability to carry out the assigned duties.
- [7] Inform his or her supervisor and Manager, Emergency Planning (EP Manager) if:
 - Qualifications lapse or failure of any training required for ERO position or employee job function that may be called upon to respond to an emergency,
 - On short or long term disability,
 - Any restricted duty status imposed due to medical conditions,
 - Loss of access to the protected area,
 - Any invoked radworker restrictions,
 - Employment is terminated (if required by site termination processes).

4.2 Director, Regulatory & Performance Improvement is responsible to:

- [1] Act as the site Senior Management sponsor for Emergency Planning, where applicable.

4.3 Management and Supervisors are responsible to:

- [1] Select individuals to fill ERO positions assigned to their area of expertise within the Emergency Plan.
- [2] Ensure that each ERO member under their supervision remains qualified to respond to an emergency.
- [3] Enforce accountability for emergency planning policy and procedure violations and individual performance weaknesses.
- [4] Periodically discuss emergency planning issues at staff meetings, focus meetings and/or plan of the day meetings to ensure appropriate priorities are given to those issues.
- [5] Notify the EP Manager of known, or planned, departmental staffing changes that could affect the ERO.
- [6] Support ERO members' required training, qualification, and all drill activity participation requirements.

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- [7] Include ERO participation as part of the annual performance planning and review (PP&R) process for employees.

4.4 Operations Shift Manager (SM) is responsible to:

- [1] Implement the emergency plan and procedures to make the initial emergency declaration and act as Emergency Director until relieved.
- [2] Activate the ERO at the emergency classification level described in the emergency plan.


4.5 Manager, Emergency Planning (EP Manager) is responsible to:

- [1] Ensure that the ERO is maintained in accordance with the emergency plan.
- [2] Complete a listing of ERO personnel that meets all requirements for staffing the ERO and the phone number or contact information at least quarterly.
- [3] Maintain oversight of the ERO administration to ensure that sufficient numbers of personnel are qualified and available to staff the ERO on a 24 hours/day basis for extended duration events.
- [4] Upon notification by an ERO member of any condition listed in 4.1[7], determine if the ERO member qualification needs to be suspended and IF so THEN suspend the individual's qualifications.
- [5] Ensure the "Personnel Actions Report" or equivalent is received from Human Resources and reviewed to consider impact on the Emergency Response Organization. Such personnel actions report should include:
- Pending retirements
 - Reassignments/transfers
 - On short or long term disability
 - New hires
 - Terminations/resignations

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4.6 Emergency Planning staff is responsible to:

- [1] Enforce standardization among ERO positions and the uniform implementation of best practices.
- [2] Provide scenarios that challenge the ERO and effectively test major portions of the emergency plan.
- [3] Provide the opportunity for all ERO members to participate in a drill as a player, controller, evaluator, or coach/mentor each calendar year.

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5.0 DETAILS

5.1 PRECAUTIONS AND LIMITATIONS

- [1] Revision to this procedure requires a 10CFR50.54 (q) review under EN-EP-305, Emergency Planning 10CFR50.54 (q) Review Program.


5.2 EMERGENCY RESPONSE ORGANIZATION GENERAL DIRECTIONS

- [1] All employees:
- Every company employee is eligible and responsible to support an emergency response position.
- [2] All ERO Members:
- Maintain contact and call-in information up-to-date in their EverBridge Profile. Report changes in home, work, cell phone or pager numbers and changes in drive time that impact timely response.

NOTE

Call-in ERO members who perform job function activities and are not assigned a position shall perform only those tasks for which they are qualified

- Attain qualification as soon as possible, but no later than 90 days, after a new assignment to an ERO position unless waived by the EP Manager under training procedures.
 - (1) An employee will not be assigned to fill an ERO position that requires task qualification in a job function (e.g., engineer job function that has areas of specialization) until qualified to perform the job function task.
 - (2) Such employees shall be assigned to an ERO position for which they can be quickly qualified as soon as possible but no later than 90 days. The employee may be considered for re-assignment when job qualification is complete.
- Attend scheduled training or briefings, including pre-drill activities such as briefings and post drill activities such as critiques.
- Be fit-for-duty (FFD) when responding to an emergency response facility per the Fitness for Duty program.

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5. 2 cont


- A person who transfers from one job to another at the same site shall continue to fill their assigned ERO position unless they are notified they are no longer an ERO member or they are reassigned and qualified in another position.
- Respond promptly to actual emergencies, site drills, quarterly off-hours/unannounced test and off-hours/unannounced drills when on-call. ERO members not on-call are expected to respond unless they are unavailable.
- Always have your company issued ID badge with you when responding to your assigned emergency response facility during an emergency (road blocks may be set up to restrict public access to the area and ID may be required to pass).
- ERO members at non-affected nuclear sites may be called upon for assistance to the affected site to maximize management, control and mitigation of the emergency.
- Be prepared to be sequestered at the affected site when conditions, such as severe weather or strike contingency, are expected that may prohibit the ERO capability to safely arrive at the site if notified to respond to an emergency.

[3] Individuals in craft or administrative job functions that may be called upon to support an emergency response effort (RP Technicians, Chemistry Technicians, Electrical Maintenance Technicians, Mechanical Maintenance Technicians, I&C Technicians, Admin Services, etc.):

- Complete the fundamental EP training, if required, and maintain qualifications to perform job functions.
- Personnel will be called out and assigned emergency roles and specific duties based on their qualifications.

[4] Additional instructions for ERO members filling an assigned position:

- Maintain ERO qualification for the assigned position including EP training, drill participation and additional position required training such as licenses, respirator qualifications, radiation worker training (RWT), plant access training (PAT).
- Be on-call and available to respond to the appropriate emergency response facility, within the required response time, during an assigned duty period.
- Actively support the ERO as a participant, controller, evaluator or coach in drills or exercises (including pre-drill/exercise and post-drill/exercise activities) when scheduled to fill the role.

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5.2.4 cont

- If an ERO member is not available to support an assigned / scheduled drill or exercise, it is the ERO member's responsibility to find a qualified replacement and inform him or her of the assigned function in the drill and/or exercise and notify Emergency Planning of the change.
- It is the ERO member's responsibility to find a qualified replacement when an ERO member cannot cover an assigned duty period.
 - The member filling in must clearly understand the responsibilities and for what time period they are assuming the duty.
- When applicable, management personnel qualified in some call-out positions may be on call to fill the position in an emergency until relieved by call-out staff.
- Be prepared to have your ERO participation evaluated as part of the annual Performance Planning and Review (PP&R) process.

[5] ERO pagers or other notification methods


- When on-call, keep the pager or other device turned on, on your person or within hearing range. Be able to recognize the page or call during noisy activities (i.e., mowing the lawn, taking a shower) or when asleep.
- Ensure the pager is in good material condition and the battery is fresh or your phone is in a working condition.

[6] ERO member on-call duty period

- Remain within a travel distance capable of meeting the required response time for the position and facility.
- Remain fit to meet the company fitness-for-duty program during the entire on-call duty period.
- Remain capable to respond to their emergency response facility promptly when notified.

[7] ERO members when NOT on-call:

- All ERO members are subject to call-in should an emergency occur. Respond to the ERO Notification system when contacted.
- If available and not filling a position during an emergency, be prepared to provide relief support to the ERO responding team.

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5.2.7 *cont*

- If you are in the area and otherwise would be able to respond, it is recommended that you leave your pager and/or phone turned on.

5.3 ON-CALL ROSTER AND SCHEDULES

- [1] The ERO roster and schedule of on-call personnel is maintained up-to-date and available to ERO members.
- [2] It is the responsibility of the ERO member when assigned an on-call duty to be aware of the on-call schedule, their on-duty status and be aware of the call-out process and pager codes.
- [3] It is the responsibility of the ERO member to ensure the published duty roster correctly identifies his or her duty period and position.

5.4 STANDARD ERO POSITION SPECIFIC RESPONSIBILITIES

- [1] See **Attachment 9.2** for the on-shift ERO position initial responder responsibilities.
- [2] See **Attachment 9.3** for the Technical Support Center (TSC) ERO position responsibilities.
- [3] See **Attachment 9.4** for the Operations Support Center (OSC) ERO position responsibilities.
- [4] See **Attachment 9.5** for the Emergency Operations Facility (EOF) ERO position responsibilities.

NOTE

Not all JIC Standard ERO positions are required to be staffed if the site's JIC is located at a State/Local facility or co-located with offsite agencies. However, all functions/responsibilities listed for each position should be performed by other JIC staff or the State/Local agencies. Refer to Attachments 9.7 to 9.14 for the site's specific JIC positions.


- [5] See **Attachment 9.6** for the Joint Information Center (JIC) ERO position responsibilities.

5.5 IMPLEMENTATION OF RESPONSIBILITIES

- [1] Site specific implementing procedures or check lists of ERO responsibilities are developed and maintained by each site.

5.6 RESPONSE TO AN EMERGENCY EVENT

- [1] In the event of an emergency declaration, respond per the instructions made in a plant announcement or message delivered by the ERO Notification system.

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5.6.2 cont

- [2] If filling an ERO position, take actions as required by the duty assignment and procedures.
- [3] Upon hearing an emergency alarm or verbal announcement of an Alert or higher classification or when emergency facilities are activated, personnel performing a job task shall place the equipment in a safe condition, exit the area following normal radiological, safety and security rules, and report to their assigned facility unless directed otherwise by the announcement.
 - The facility lead will provide instructions to ERO members that are not needed to fill positions for initial activation. (e.g., return to suspended work activity, report to a staging area, report to supervisor or work station, or leave the site and report back when directed or called to report back)
 - Ensure the facility lead and Control Room Shift Manager or Control Room Supervisor is informed of stopped work, status of the equipment and location of the worker.
- [4] If escorting a visitor or contractor at an Alert or higher, upon hearing an emergency alarm or verbal announcement, escort the visitor out of the protected area.
- [5] Listen to all plant pages/announcements for directions on additional actions to take.

5.7 RESPONSE TO THE ERO NOTIFICATION SYSTEM TEST OR DRILL

- [1] The ERO will respond to the ERO Notification System messages per procedures or instructions.

5.8 MINIMUM STAFFING LEVELS FOR EACH ERF FOR THE STANDARD ERO


- [1] See **Attachment 9.15** for the Minimum staffing levels to declare emergency response facilities Operational for each ERF for the Standard ERO.

6.0 INTERFACES

- [1] EN-NS-102, Fitness for Duty Program

7.0 RECORDS

The quarterly listing of the qualified ERO personnel should be retained for the required period to support Performance Indicators, inspections and 50.54(t) audits. Records are retained under EN-AD-103.


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8.0 SITE SPECIFIC COMMITMENTS

Step	Site	Document	Commitment Number or Reference
4.5	PNPS	QA Audit Report 93-09 DR2031	Establish a procedural mechanism to ensure Emergency Response Organization is properly staffed.
4.5[4]	PNPS	QA Audit Report 94-11 DR 2061	Ensure Security and Medical is informed of personnel assigned to the TSC, OSC and EOF so that FFD requirements can be met.

9.0 ATTACHMENTS

- 9.1 Fleet Standard ERO Position Titles
- 9.2 On-Shift ERO Responsibilities
- 9.3 TSC ERO Responsibilities
- 9.4 OSC ERO Responsibilities
- 9.5 EOF ERO Responsibilities
- 9.6 JIC ERO Responsibilities
- 9.7 ANO Site Specific ERO Information
- 9.8 GGNS Site Specific ERO Information
- 9.9 IPEC Site Specific ERO Information
- 9.10 JAF Site Specific ERO Information
- 9.11 PLP Site Specific ERO Information
- 9.12 PNPS Site Specific ERO Information
- 9.13 RBS Site Specific ERO Information
- 9.14 WF3 Site Specific ERO Information
- 9.15 Minimum Staffing Levels for each ERF for the Standard ERO

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FLEET STANDARD ERO POSITION TITLES
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TSC

Emergency Plant Manager
 Security Coordinator
 TSC Manager
 ENS Communicator
 TSC Communicator
 Maintenance Coordinator
 Radiological Coordinator
 Operations Coordinator
 Engineering Coordinator
 Reactor Engineer
 Mechanical Engineer
 Electrical / I&C Engineer
 IT Specialist¹

OSC

OSC Manager
 Operations Support
 Log Keeper OSC
 Work Control Coordinator
 Mechanical Coordinator
 Electrical/I&C Coordinator
 Rad/Chem Coordinator
 OSC Craft Support Staff

CR /On-Shift²

Shift Manager/Emergency Director
 CR Supervisor
 CR Operators
 Plant Operators
 Shift Technical Advisor
 RP technician(s)
 Chemistry technician(s)
 Maintenance
 Security

EOF

Emergency Director
 Offsite Communicator
 Technical Advisor
 Log Keeper EOF
 EOF Manager
 Radiological Assessment Coordinator
 Offsite Team Coordinator
 Dose Assessor
 Offsite Monitoring Team 1
 Offsite Monitoring Team 2
 EOF Communicator
 Administration & Logistics Coordinator
 IT Specialist¹
 Lead Offsite Liaison
 Offsite Liaison(s)
 Public Information Liaison

JIC³


Company Spokesperson
 Technical Advisor
 JIC Manager
 Information Coordinator
 Media Liaison
 Log Keeper JIC
 Logistics Coordinator
 Inquiry Response Coordinator
 Technical Assistant
 Press Release Writer
 Media Monitoring

¹ One on Standard ERO in either TSC or EOF. Site(s) may staff position in both facilities due to site specific needs.

² Site on-shift member(s) are per the site emergency plan and may not reflect the staff listed here. On-shift staff may be assigned additional EP position functions of CR communicator, CR dose assessor, fire brigade, corrective actions, first responder/first aid or search/rescue

³ Not all JIC Standard ERO positions are required to be staffed if the site's JIC is located at a State/Local facility or co-located with offsite agencies. However, all functions/responsibilities listed for each position should be performed by other JIC staff or the State/Local agencies. Refer to Attachments 9.7 to 9.14 for the site's specific JIC positions.

Site(s) may add additional positions specific to the site

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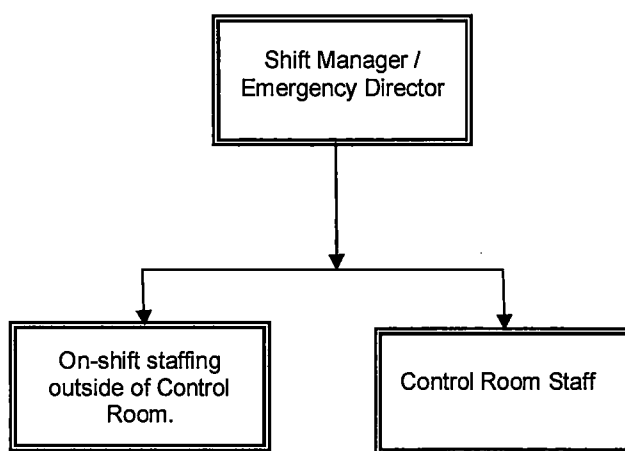
ATTACHMENT 9.2

ON-SHIFT ERO RESPONSIBILITIES

Sheet 1 of 4

Standard ERO


On-Shift Staffing*



* The site Emergency Plan describes the on-shift staffing.

Standard ERO Minimum PI Key Positions

Shift Manager
Communicator

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ON-SHIFT ERO RESPONSIBILITIES

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Standard ERO Position Responsibilities

Shift Manager/ Emergency Director (ED)	Provide overall command and control of the emergency response. Responsibilities include:
	<p style="text-align: center;">NOTE</p> <p>The Emergency Director (ED) may delegate responsibilities except for those designated below. The SM can transfer ED duties to another ED qualified person.</p> <ol style="list-style-type: none"> 1. Classify and declare the emergency (cannot delegate) 2. Assume role of ED and overall command and control of the emergency response until relieved 3. Approve the offsite notification and message content (cannot delegate) 4. Direct correct and timely offsite notification 5. Direct and ensure timely augmentation of the ERO consistent with site procedures 6. Direct timely ENS notification and ensure NRC is kept informed of the emergency situation 7. Ensure others (Site Duty Manager, Corporate, etc) are kept informed of the emergency situation 8. Perform accident assessment and oversight of the corrective actions to mitigate the event 9. Direct and ensure dose assessment is performed if a release is occurring 10. Review and interpret offsite dose projections for accuracy and impact to the health and safety of personnel and the public 11. Make offsite protective action recommendations (PAR) (cannot delegate) 12. Direct protective actions for on-site personnel 13. Approve and ensure correct and timely PAR notification to offsite agencies (cannot delegate) 14. Authorize emergency radiation exposure and issuance of KI. 15. Implement severe accident management procedures (where applicable) 16. Invoke 50.54(x)¹ 17. Direct evacuation of area, building, protected area or owner controlled area 18. Request security to perform accountability 19. Direct first responders/first aid to respond to reported medical events 20. Direct qualified personnel to perform search and rescue operations 21. Request assistance from offsite fire and/or medical support agencies 22. Integrate off-site responders with on-site response efforts when required 23. Direct personnel to coordinate transportation of injured personnel to supporting hospital 24. Ensure/direct ERDS activation within 60 minutes of an Alert or higher classification 25. Ensure reports of other non-emergency reportable events are made during emergency plan activation (hazardous material spills, contaminated injured personnel, and so forth). 26. Turnover command and control of responsibilities for notification, classification, PARs, and actions outside of the protected area to the relieving Emergency Director. 27. Turnover command and control of onsite accident mitigation and corrective actions, onsite protective actions, and ENS notifications to the Emergency Plant Manager. 28. Advise the relief ED on core safety and plant conditions for classification and PAR determinations. 29. Authorize press releases (cannot delegate) 30. Terminate the emergency (cannot delegate)


¹The decision to depart from the license or a technical specification in an emergency shall be approved, as a minimum, by a licensed senior operator. If more senior licensee personnel are available, the decision to depart from the license in an emergency would pass to them as higher authorities in the chain of command. The rule does not specify that the senior licensee personnel be licensed senior operators or that they obtain the concurrence of a licensed senior operator to make such a decision. [RIS 2008-26]

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ON-SHIFT ERO RESPONSIBILITIES

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Standard ERO Position	Responsibilities
Control Room (CR) Supervisor	Perform control room responsibilities in accordance with EN-OP-115, Conduct of Operations and as directed by the ED. <ol style="list-style-type: none"> 1. Assume the responsibilities and authority of the ED if the SM becomes incapacitated or is absent. 2. Direct plant operations and assessment of operational aspects 3. Perform accident assessment and initiate actions to mitigate the event.
Shift Technical Advisor (STA)	Perform control room responsibilities in accordance with EN-OP-115, Conduct of Operations and as directed by the ED. <ol style="list-style-type: none"> 1. Provide advisory technical support to the SM in areas of thermal hydraulics, reactor engineering, and plant analysis with regard to safe operation of the unit. 2. Perform accident assessment 3. Other actions as directed by the ED to implement the emergency plan and procedures.
On-shift CR Operators	Perform licensed operator responsibilities in accordance with EN-OP-115, Conduct of Operations and as directed by the ED. <ol style="list-style-type: none"> 1. Perform other assigned functions per emergency procedures or emergency plan (e.g., fire brigade, OSC Operations Support) 2. Report to the OSC when activated if required to perform other functions outside the CR
On-shift Plant Operators	Perform non-licensed operator responsibilities in accordance with EN-OP-115, Conduct of Operations and as directed by the ED <ol style="list-style-type: none"> 1. Perform other assigned functions per emergency procedures or emergency plan (e.g., fire brigade, communicator) 2. Report to the OSC when activated or CR where applicable
On-shift Chemistry Technician(s)	Perform functions as directed by the ED. Responsibilities include: <ol style="list-style-type: none"> 1. Collect and analyze samples 2. Perform other assigned functions per emergency procedures or emergency plan 3. Report to the OSC (or other assigned ERF) when activated
On-shift Radiation Protection Technician(s)	Perform functions as directed by the ED to provide initial in-plant and near plant area radiological support actions. Responsibilities include: <ol style="list-style-type: none"> 1. Monitor and/or survey area for changing radiological conditions and radiological release 2. Perform radiological surveys for repair and corrective action teams, search and rescue, medical and fire-fighting activities when required. 3. Support evacuation and assembly (where applicable) 4. Provide dosimetry, as needed, and radiation exposure control support to on-shift personnel. 5. Provide dosimetry and radiation exposure control support to offsite agencies responding to provide assistance onsite such as medical, fire, and law enforcement (where applicable) 6. Perform other assigned functions per emergency procedures or emergency plan 7. Report to the OSC (or other assigned ERF) when activated
On-shift Maintenance	Perform functions as directed by the Emergency Director <ol style="list-style-type: none"> 1. Perform repair and corrective actions 2. Report to the OSC when activated

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ON-SHIFT ERO RESPONSIBILITIES

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Standard Responsibilities
ERO Position

Security (tasks that support the EPlan)	<p>Perform functions per the Security Contingency Plan and as requested by the Emergency Director.</p> <ol style="list-style-type: none"> 1. Perform accountability of personnel in the protected area 2. Support evacuations and assembly where applicable 3. Request assistance from local law enforcement to support emergency plan response 4. Support site access for medical, fire fighting, or law enforcement offsite responders 5. Serve as liaison/coordinator for the incident command system 6. Provide input to the Shift Manager/ED for security EALs
On-Shift CR Communicator	<p>The Control Room Communicator reports to the ED. (sites designate which on shift position(s) shown in Attachment 1 performs this function) Responsibilities include:</p> <ol style="list-style-type: none"> 1. Make timely and correct notification to State and Local agencies using the primary and backup notification system when directed by the ED until relieved. 2. Prepare the NRC notification worksheet 3. Make timely NRC notifications when directed by the ED until relieved. 4. Complete notification forms and procedure/checklists where applicable. 5. Activate the ERO notification system when directed. 6. Make follow-up notifications 7. Turn over the State and local notification responsibilities to the relief Offsite Communicator when directed by the ED. 8. Turnover the ENS Communicator responsibilities to relief ENS Communicator when directed by the ED.
On-shift Dose Assessor (filled by shift personnel assigned other duties)	<p>Conduct on-shift dose assessment as directed (sites designate which on shift position shown in Attachment 1 performs this function)</p> <ol style="list-style-type: none"> 1. Monitor or obtain meteorological and radiological data 2. Monitor parameters to detect changes that affect dose assessment 3. Perform dose projection calculations using primary and backup methods 4. Evaluate dose projection output 5. Determine dose consequences 6. Communicate results to the ED to determine appropriate classification or PAR
Fire Brigade (filled by shift personnel assigned other duties)	<p>Perform fire fighting functions per the fire protection plan and procedures when directed by the SM/ED or OSC Manager where applicable. The Fire Protection Plan designates who fills the fire brigade. When offsite assistance is requested:</p> <ol style="list-style-type: none"> 1. Integrate fire fighting efforts with the fire fighting assistance provided by offsite fire fighting departments 2. (FBL) Brief the offsite fire fighting chief/leader when they arrive on scene 3. (FBL) Turnover fire fighting command and control to the offsite agency incident commander. 4. (FBL) Provide technical support to the incident commander
Rescue/First Aid (filled by shift personnel assigned other duties)	<p>Perform functions per the search and rescue or medical response procedures</p> <ol style="list-style-type: none"> 1. Locate missing personnel following an evacuation. 2. Provide initial first aid/medical treatment on reported injuries.

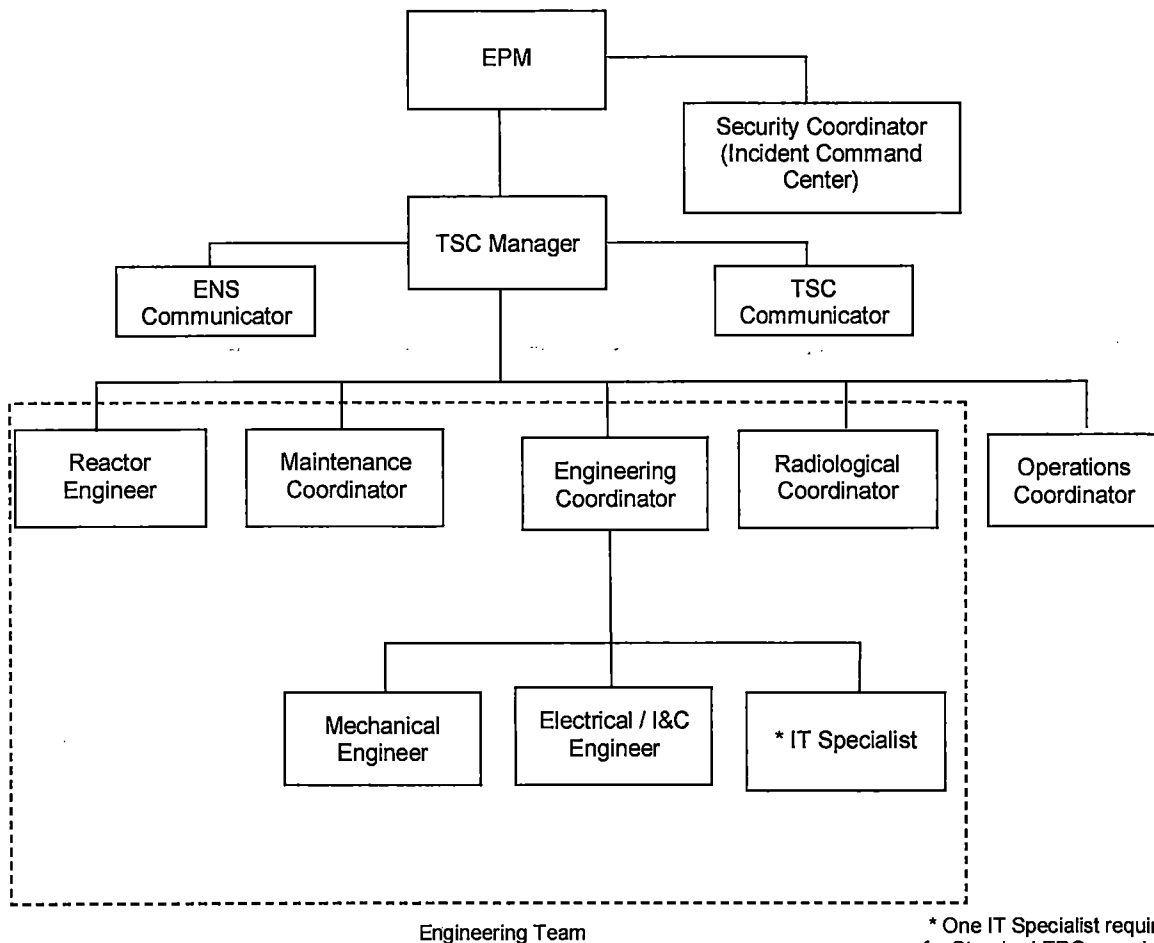
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ATTACHMENT 9.3

TSC ERO RESPONSIBILITIES

Sheet 1 of 5

TECHNICAL SUPPORT CENTER STANDARD ERO




Engineering Team

* One IT Specialist required
for Standard ERO, may be in
TSC or EOF

Standard ERO Minimum PI Key Positions

Emergency Plant Manager
TSC Manager (or other TSC technical support)
Ops Coordinator


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TSC ERO RESPONSIBILITIES
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Standard ERO Position	Responsibilities
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Emergency Plant Manager (EPM)	<p>The EPM reports to the EOF ED. The EPM has the responsibility for the command and control of all accident mitigation actions at the site and performs these duties from the Technical Support Center (TSC). Responsibilities include:</p> <ol style="list-style-type: none"> 1. Direct the activation, operation and deactivation of the TSC 2. Assume command and control of the TSC and OSC and the onsite mitigation efforts 3. Provide information and recommendations to the ED regarding the classification of an emergency 4. Prepare and facilitate facility briefings 5. Verify event classifications 6. Ensure timely ENS notifications 7. Perform accident assessment to prioritize mitigation actions. 8. Coordinate the activities of the CR, TSC and OSC 9. Direct personnel evacuation, assembly and accountability of non-essential personnel 10. Provide information and recommendations to the ED regarding plant activities 11. Advise the ED on core damage and plant conditions for classification and PAR determination. 12. Direct the organization, coordination, and prioritization of repair corrective action teams 13. Direct onsite protective actions 14. Authorize emergency radiation exposure and issuance of KI to recommended personnel in the CR, TSC or OSC or to Security personnel. 15. Make operational decisions involving the safety of the plant and its personnel and make recommendations to the Control Room Personnel 16. Initiate immediate corrective actions to limit or contain the emergency invoking the provisions of 10 CFR 50.54(x) if appropriate¹ 17. Implement severe accident management procedure strategies 18. Direct relocation to an alternate location. 19. Integrate offsite responders with on-site response efforts when required 20. Perform emergency termination duties
TSC Manager	<p>The TSC Manager reports to the EPM. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Assure staffing/timely activation of the TSC. 2. Notify EPM when operational conditions exist. 3. Recognize and implement all technical aspects of accident mitigation for the emergency. 4. Perform technical assessments and communicate the conclusions to the EPM. 5. Set priorities for the TSC personnel/OSC Teams. 6. Assist the EPM to make operational decisions concerning the safety of the plant. 7. Oversee the activities for relocation to an alternate location. 8. Direct the tracking of plant configuration changes. 9. Deactivate the TSC when the emergency is terminated.

¹The decision to depart from the license or a technical specification in an emergency shall be approved, as a minimum, by a licensed senior operator. If more senior licensee personnel are available, the decision to depart from the license in an emergency would pass to them as higher authorities in the chain of command. The rule does not specify that the senior licensee personnel be licensed senior operators or that they obtain the concurrence of a licensed senior operator to make such a decision. [RIS 2008-26]

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TSC ERO RESPONSIBILITIES
Sheet 3 of 5
Standard
Responsibilities
ERO Position


Security Coordinator	<p>The Security Coordinator reports to the EPM. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Overall coordination of the offsite assistance for the security related response. 2. Designated National Incident Management System (NIMS) Liaison between the Incident Command Post (ICP) and Site Organization. 3. Coordinate accountability 4. Keep security force advised of emergency status 5. Coordinate with Radiological Coordinator regarding protective actions for the security force. 6. Keep the ED/EPM informed of any security contingency event which may be occurring and response in progress 7. Coordinate the dispatch of security officers to evacuation assembly areas and keep the ED/EPM informed of evacuation accountability.
TSC Communicator	<p>This position reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Maintain facility log on WebEOC or other acceptable method. 2. Ensure timeliness of facility briefs by prompting EPM to develop and adhere to briefing schedule 3. Communicate between the ERF's if necessary regarding plant status or WebEOC entries. 4. Support the EPM/TSC Manager as requested.
ENS Communicator	<p>The ENS Communicator reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Prepare the NRC notification worksheet. 2. Establish and maintain communications with the NRC via the ENS phone. 3. Prepare follow-up notifications 4. Monitor plant computer parameters and provide plant status to the NRC. 5. Use backup NRC notification method if ENS line fails.
IT Specialist	<p>This position reports to the Engineering Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Monitor facility equipment (computer related and communications) to ensure adequate operation. 2. Resolve any IT related malfunctions. 3. Verify or perform ERDS activation. 4. Assist with issues related to WebEOC
Reactor Engineer	<p>The Reactor Engineer reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Determine and provide estimation of core damage. 2. Assist in Severe Accident Management Guideline implementation. 3. Provide core parameter information results back to the TSC Manager.

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ATTACHMENT 9.3
TSC ERO RESPONSIBILITIES
Sheet 4 of 5
Standard
Responsibilities
ERO Position


Operations Coordinator	<p>The Operations Coordinator reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Coordinate TSC efforts in determining the nature and extent of emergencies pertaining to equipment and plant facilities in support of Control Room actions. 2. Perform accident assessment activities. 3. Provide assistance to initiate immediate corrective actions to limit or contain the emergency invoking the provisions of 10 CFR 50.54(x)¹ if appropriate, and specifically when addressing Severe Accident Management Guidelines (SAMG/SAG). 4. Recommend equipment operations checks and miscellaneous actions to the Control Room in support of restoration and accident mitigation. 5. Approve emergency special procedures, and implement as required under the provisions of 10 CFR 50.54(x)¹ if qualified. 6. Recommend changes in plant priorities. 7. Assist the Maintenance Coordinator in determining the priority assigned to OSC activities. 8. Coordinate additional staffing for the Control Room if requested by the SM. 9. Provide input on event classification. 10. Assist the EPM in evaluating changes in event classification. 11. At the direction of the EPM, assume the duties and responsibilities of the Evaluator, or Decision-Maker if qualified, when transition to Severe Accident Management Guidelines (SAMG/SAG) is initiated. 12. Inform the TSC of the overall plant condition and significant changes to system and equipment status. 13. Ensure the Control Room, TSC, and EOF is informed of significant changes in event status (e.g. changes in classification, command and control, initiation of station assembly, accountability, evacuation, etc.). 14. Coordinate CR request for operations activities outside of the Control Room 15. Provide technical assistance to the Shift Manager. 16. Recommend strategies and actions to prevent severe core damage and containment failure and reduce radiological release.
Maintenance Coordinator (Optional) Note: Optional position for sites with co-located OSC/TSC. Position responsibilities must be assigned to another position if not staffed.	<p>The Maintenance Coordinator reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Communicate the request for repair and corrective teams to the OSC Work Control Coordinator. Use WebEOC or other acceptable methods. 2. Prioritizes the requests with the TSC Manager.

¹The decision to depart from the license or a technical specification in an emergency shall be approved, as a minimum, by a licensed senior operator. If more senior licensee personnel are available, the decision to depart from the license in an emergency would pass to them as higher authorities in the chain of command. The rule does not specify that the senior licensee personnel be licensed senior operators or that they obtain the concurrence of a licensed senior operator to make such a decision. [RIS 2008-26]

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TSC ERO RESPONSIBILITIES
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Standard
Responsibilities
ERO Position

Engineering Coordinator	<p>The Engineering Coordinator reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Provide technical guidance to support repair activities. 2. Recommend strategies and actions to prevent severe core damage and containment failure and reduce radiological releases. 3. Coordinate Engineering work requests with the Engineering support team. 4. Provide results back to the TSC Manager. 5. Support SAMG activities and strategies. 6. Direct tracking and trending of parameters. 7. Direct the development of emergency repair procedures to support emergency teams. 8. Track plant configuration changes.
Mechanical Engineer	<p>The Engineers report to the Engineering Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Respond to engineering requests from the Engineering Coordinator. 2. Evaluate SAM/SAG strategy implementation when designated
Electrical / I&C Engineer	<p>The Engineers report to the Engineering Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Respond to engineering requests from the Engineering Coordinator. 2. Evaluate SAM/SAG strategy implementation when designated
Radiological Coordinator	<p>The Radiological Coordinator reports to the TSC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Assess radiological conditions to develop radiological plans. 2. Keep the TSC Manager informed of the radiological conditions. 3. Obtain and evaluate data on plant conditions such as meteorological and radiological monitoring readings, and other pertinent data. 4. Ensure that appropriate bioassay procedures have been implemented for onsite personnel when a radioactivity incident has occurred. 5. Recommend authorization of personnel emergency exposure limits. 6. Advise the TSC Manager when use of KI should be considered and coordinate the issuance if approved. 7. Recommend evacuation based on environmental conditions 8. Advise the TSC Manager and EOF Radiological Assessment Coordinator of changes in radiological release status. 9. Assist in planning rescue operations and provide monitoring services as required, including the transfer of injured and/or contaminated personnel. 10. Coordinate with the Security Coordinator to determine the routes to be used for evacuation of non-essential personnel and BRE's. 11. Evaluate and request additional radiation protection personnel and/or equipment. 12. Advise the Rad Chem Coordinator in the OSC of changes in plant conditions or equipment that may change radiological conditions onsite.

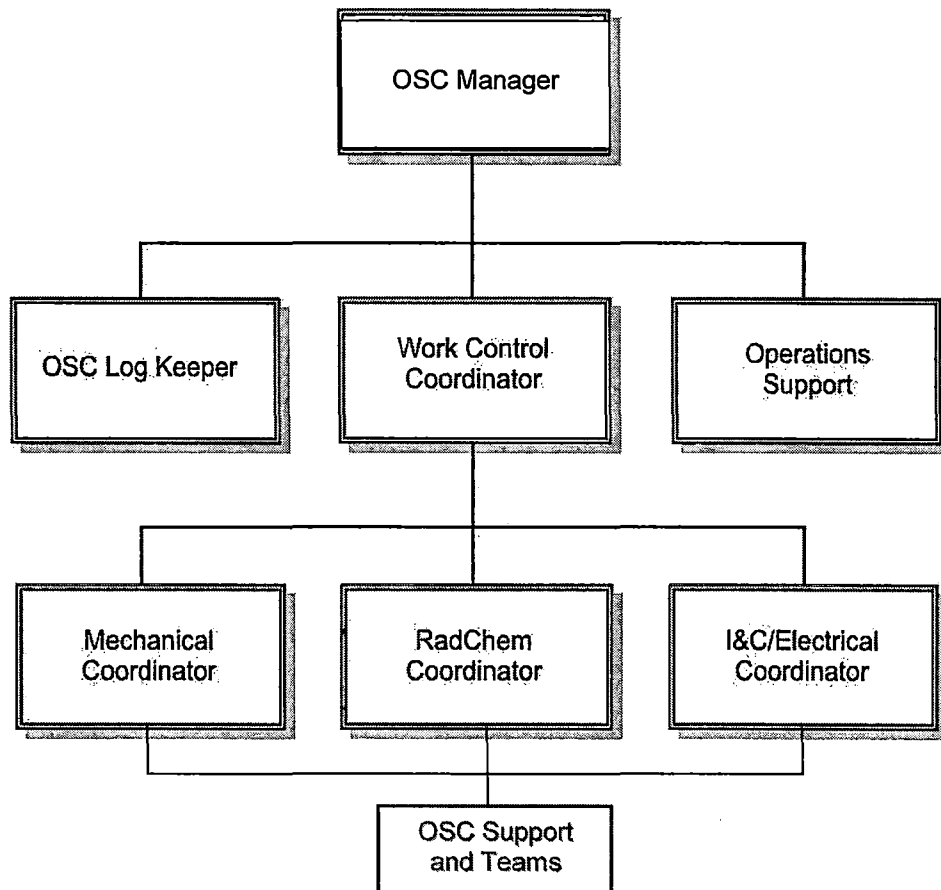
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ATTACHMENT 9.4

OSC ERO RESPONSIBILITIES


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OPERATIONS SUPPORT CENTER STANDARD ERO




Standard ERO Minimum PI Key Positions

OSC Manager

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ATTACHMENT 9.4
OSC ERO RESPONSIBILITIES
Sheet 2 of 4
Standard
Responsibilities
ERO Position

OSC Manager	<p>The OSC Manager has the overall responsibility for the activation and operation of the Operational Support Center. The OSC Manager reports to the EPM located in the TSC and has the following responsibilities:</p> <ol style="list-style-type: none"> 1. Direct the activation, operation and deactivation activities of the OSC. 2. Coordinate and/or prioritize assessment and corrective actions with the TSC. 3. Provide periodic briefings to the OSC personnel to include plant status, EALs, and plant priorities. 4. Support the formation, briefing and debriefing of repair/corrective action teams and onsite monitoring teams. 5. Maintain communications with the Control Room and the Technical Support Center to inform of OSC teams and activities via OSC Log Keeper WebEOC or Status Board entries. 6. Ensure timely dispatch of the repair/corrective action teams, search and rescue teams, onsite monitoring teams and mobilize other required support personnel. 7. Ensure work task priorities are being maintained. 8. Maintain OSC accountability. 9. Coordinate movement of OSC personnel to a habitable location or alternate OSC if conditions degrade. 10. Identify and request resources, equipment and supplies to support the OSC.
OSC Operations Support	<p>The Operations Support reports to the OSC Manager and has the following responsibilities:</p> <ol style="list-style-type: none"> 1. Support the OSC as needed. 2. Ensure the SM is informed of OSC teams and activities. 3. Identify potential operational support needs.
Work Control Coordinator	<p>The Work Control Coordinator reports to the OSC Manager located in the OSC and has the following responsibilities:</p> <ol style="list-style-type: none"> 1. Coordinate the formation, briefing and debriefing of repair and corrective action teams and onsite monitoring teams. 2. Maintain communications with the Maintenance Coordinator in the TSC. 3. Ensure timely dispatch of repair and corrective action teams, search and rescue teams, onsite monitoring teams and mobilize other required support personnel. Use WebEOC or other acceptable methods.
Mechanical Coordinator	<p>The Coordinator reports to the Work Control Coordinator located in the OSC and has the following responsibilities:</p> <ol style="list-style-type: none"> 1. Assign team members to the repair and corrective action teams. 2. Conduct or participate in the pre-job briefing for the assigned tasks. 3. Ensure repair and corrective action teams are tracked. 4. Ensure communication with the teams is maintained. 5. Participate in debriefing of returning emergency teams.

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ATTACHMENT 9.4

OSC ERO RESPONSIBILITIES

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Standard ERO Position	Responsibilities
Electrical/I&C Coordinator	<p>The Coordinator reports to the Work Control Coordinator located in the OSC and has the following responsibilities:</p> <ol style="list-style-type: none"> 1. Assign team members to the repair and corrective action teams. 2. Conduct or participate in the pre-job briefing for the assigned tasks. 3. Ensure repair and corrective action teams are tracked. 4. Ensure communication with the teams is maintained. 5. Participate in debriefing of returning emergency teams.
Rad / Chem Coordinator	<p>The R/C Coordinator reports to the Work Control Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Coordinate RP activities, including on-site radiological assessment, personnel exposure control, and radiation protection programs. 2. Ensure use of protective clothing, respiratory protection, and access control within the plant is deemed appropriate to control personnel exposures. 3. Deploy onsite radiation monitoring teams to survey radiation levels and sample for contamination. 4. Ensure habitability of the TSC and/or OSC and habitability of Control Room (where applicable) 5. Ensure that personnel are decontaminated, if necessary. 6. Conduct/provide assistance for the rad briefings to support the dispatch of the repair/corrective action teams and chemistry/ RP sampling. 7. Communicate rad/chemistry sample results to the TSC and/or CR. 8. Coordinate the transport of potentially contaminated or highly exposed personnel to off-site medical facilities. 9. Determine the necessity for emergency exposure limits and KI issuance and communicate conditions to the TSC. 10. Provide radiological support for evacuations, medical response, fire response and search and rescue. 11. Ensure emergency ventilation filtration system is started per procedures (site specific). 12. Establish chemistry sampling priorities. 13. Debrief returning emergency teams.

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<u>Standard ERO Position</u>	<u>Responsibilities</u>
OSC Log Keeper	<p>This position reports to the OSC Manager. Responsibilities include:</p> <ol style="list-style-type: none">1. Maintain facility log on WebEOC or other acceptable method.2. Ensure timeliness of facility briefs by prompting the OSC Manager of the briefing schedule if necessary.3. Support the OSC Manager as requested.
OSC Teams	<p>Perform qualified job functions and/or emergency plan functions as directed by the OSC Manager or Coordinators.</p> <ol style="list-style-type: none">1. Perform initial actions per procedures upon arrival in the OSC.2. Attend pre-job briefing prior to performing emergency maintenance.3. Ensure status boards and/or WebEOC reflect the correct status.4. Perform in-plant activities as directed by the OSC Coordinator(s).5. Debrief team activity upon return to the OSC.6. RP performs habitability of ERFs where applicable

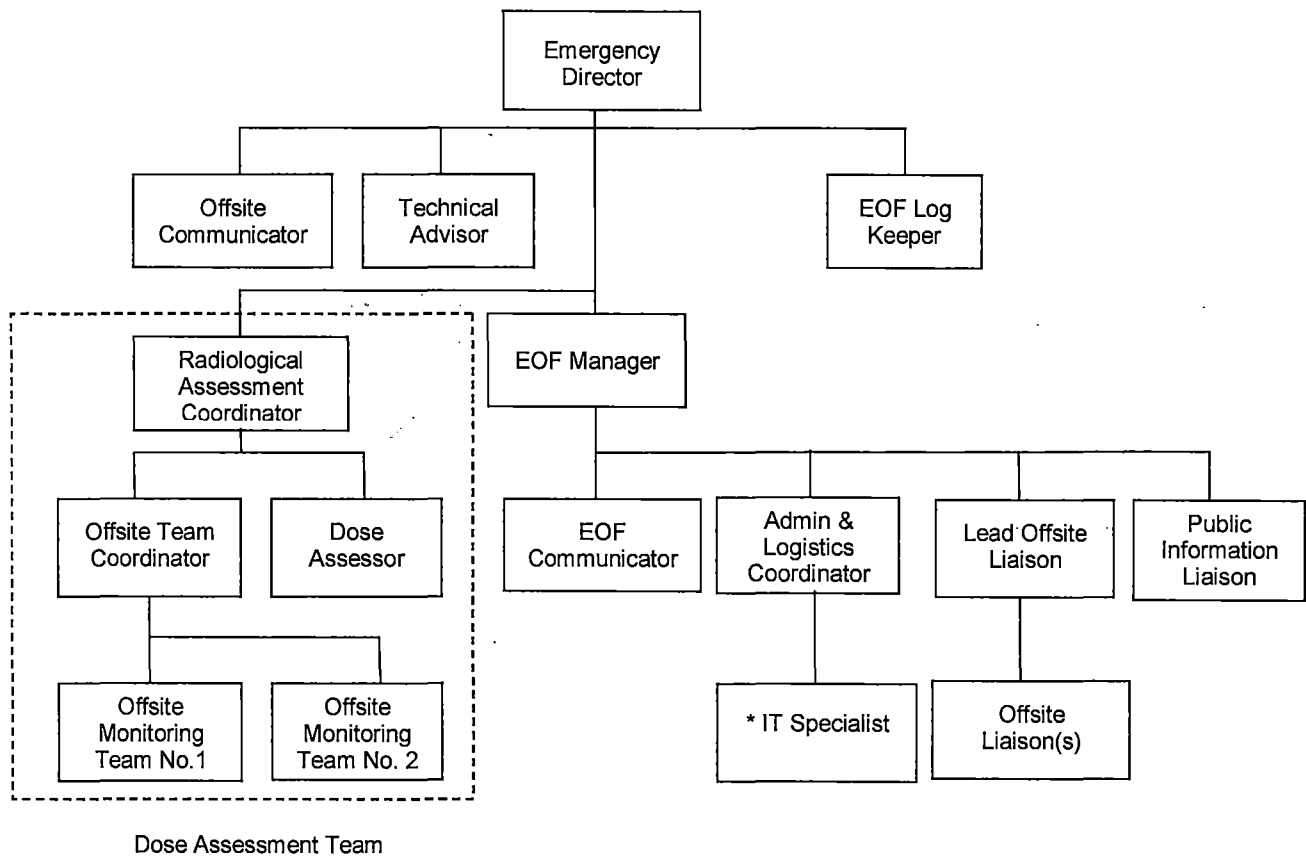
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ATTACHMENT 9.5

EOF ERO RESPONSIBILITIES

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EMERGENCY OPERATIONS FACILITY STANDARD ERO



* One IT Specialist required for Standard ERO, may be in TSC or EOF

Standard ERO Minimum PI Key Positions

Emergency Director
Radiological Assessment Coordinator
Offsite Communicator


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EOF ERO RESPONSIBILITIES


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Standard ERO Position	Responsibilities
Emergency Director	<p>Provide overall command and control of the emergency response. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Receive turnover from the ED and assume command/control of EOF and activities outside the area controlled by the TSC 2. Direct the activation, operation and deactivation of the EOF. 3. Prepare and facilitate facility briefings 4. Upgrade the emergency classification level. (cannot delegate) 5. Make protective action recommendations (PAR) to offsite agencies (cannot delegate) 6. Direct and approve offsite notification to State and local agencies (cannot delegate) 7. Communicate within and between the emergency response facilities 8. Ensure event information is communicated to other organizations (NRC, Entergy Corp, etc.) to keep them informed of the emergency situation. 9. Direct the activities of the EOF organization in support of the TSC and offsite response agencies. (County, Parish and State) 10. Direct protective actions for offsite monitoring teams, EOF ERO and offsite resources. 11. Request assistance from offsite agencies, excluding requests for offsite medical/fire, security assistance. (Coordinate request for Federal assistance through the State) 12. Integrate off-site responders with site response efforts when required. 13. Authorize issuance of KI and radiation exposure in excess of 10CFR 20 limits for ERO members outside of the protected area. 14. Authorize press releases (cannot delegate) 15. Direct facility relocation to the alternate EOF (where applicable) 16. Determine reportability actions for non-emergency reportable events during an emergency (hazardous material spills, contaminated injured personnel, and so forth). 17. Conduct turnover of command and control to relief ED. 18. Terminate the event in accordance with procedures (cannot delegate) 19. Establish and direct recovery actions

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EOF ERO RESPONSIBILITIES
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EOF Manager	<p>Reports to the Emergency Director and coordinates emergency response efforts outside Protected Area. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Direct activities of the EOF personnel 2. Assure staffing and timely activation of the EOF 3. Obtain additional resources through the Admin/Logistics Coordinator when necessary 4. Brief and assist offsite authorities responding to the EOF 5. Assist Rad Assessment Coordinator with facility habitability and emergency ventilation system operation per procedure (site specific) 6. Ensure correct and timely State and local notifications are made within regulatory requirements 7. Ensure WebEOC or status boards are maintained 8. Notify Entergy Corporate Office and Corporate Emergency Center.
EOF Technical Advisor	<p>Reports to the Emergency Director. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Maintain contact with the TSC and Control Room to obtain current plant and emergency status 2. Monitor plant computer system parameters. 3. Recommend actions on classification of emergencies 4. Support PAR decision making/determination.
EOF Log Keeper	<p>Reports to the Emergency Director. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Maintain a chronological log of emergency status and EOF activities on WebEOC or other acceptable method 2. Ensure timeliness of facility briefs by prompting the Emergency Director of the briefing schedule if necessary 3. Support the EOF Manager / ED as requested
Offsite Communicator	<p>Reports to the Emergency Director. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Ensure the Emergency Director approves all notifications forms to State/Local agencies. 2. Make notification to the State and local agencies as required by regulations using primary and backup notification system. 3. Verify State and local agencies received and understand the notification 4. Make follow-up notifications 5. Maintain records of all notifications and communications


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EOF ERO RESPONSIBILITIES


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Standard ERO Position	Responsibilities
EOF Communicator	<p>The EOF Communicator reports to the EOF Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Transmit and receive information from onsite ERF's. 2. Ensure EOF is notified of information received of significant changes in plant conditions (e.g., start of a release, LOCA, EAL conditions) 3. Document information on the required forms or WebEOC 4. Assist the EOF Manager with other non-regulatory notifications or communications
Admin & Logistics Coordinator	<p>The Admin/Logistics Coordinator is responsible for providing support to the EOF Manager and the TSC Emergency Response Organization. Responsibilities include</p> <ol style="list-style-type: none"> 1. Manage 24 hour staffing of the emergency response facilities. 2. Manage logistics for supporting the onsite and offsite emergency response such as additional support personnel or equipment, meals, lodging, etc. 3. Coordinate access security measures in the EOF if applicable
EOF IT Specialist	<p>The Information Technology (IT) Specialist reports to the Admin/Logistics Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Monitor facility equipment (computer related and communications) to ensure adequate operation 2. Resolve any IT related malfunctions 3. Verify or perform ERDS activation. 4. Assist with issues related to WebEOC, if available
Lead Offsite Liaison	<p>The Lead Offsite Liaison reports to the EOF Manager. Responsibilities include</p> <ol style="list-style-type: none"> 1. Obtain plant information and ensure the offsite agencies located in the EOF and the offsite liaisons are briefed on the plant conditions.
Offsite Liaison(s)	<p>The Offsite Liaison reports to the Lead Offsite Liaison. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Obtain plant information and ensure the offsite agencies located in the EOF are briefed on the plant conditions. 2. Clarify plant conditions, respond to questions, etc. for the offsite agencies.
<p>Public Information Liaison (Optional)</p> <p>Note: Optional position for sites with co-located EOF/JIC.</p>	<p>The Public Information Liaison reports to the EOF Manager and provides the primary interface between the JIC and EOF. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Ensure JIC is provided with current plant status 2. Ensure classification upgrades are communicated to Company Spokesperson to ensure media briefings are accurate 3. Review press releases and provide to the ED for approval

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EOF ERO RESPONSIBILITIES
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**Standard ERO
Position**
Responsibilities

Radiological Assessment Coordinator (RAC)	<p>The Radiological Assessment Coordinator is responsible for conducting assessment activities for offsite radiological conditions. During operation of the EOF, the Radiological Assessment Coordinator reports to the ED. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Direct the activities of the dose assessor and radiological offsite monitoring teams. 2. Evaluate dose assessment results and recommendations. 3. Determine dose consequences 4. Communicate dose projection results to the ED to determine classification or PAR. 5. Keep the ED apprised of offsite radiological conditions. 6. Maintain awareness of dose projections generated by NRC, state and utility models and recognize differences. 7. Provide overall liaison and coordination of efforts in the area of field team data with State Radiological Personnel. 8. Brief offsite authorities responding to the EOF on radiological information. 9. Contact the NRC on Health Physics Network (HPN) Line.(Can be designated to another staff member) 10. Direct possible predictive and worst-case dose projections. 11. Monitor or direct monitoring of ERF habitability. 12. Ensure facility emergency ventilation in service (where applicable) 13. Recommend EOF relocation based on environmental conditions and provide radiological guidance for the EOF evacuation, where applicable. 14. Monitor information from displays or reports to detect changes that affect dose assessment. 15. Establish radiological controls for supplemental and relief personnel responding to the station. 16. Recommend emergency exposure limits and KI for EOF ERO or offsite monitoring teams 17. Coordinate the administration of KI.
Dose Assessor	<p>The Dose Assessor reports to the Radiological Assessment Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Support the radiological activities of the EOF 2. Obtain data from offsite monitoring team reports, meteorological and radiological data, and plant data 3. Perform dose projection calculations using plant data and offsite monitoring team data. 4. Perform possible predictive (what-if) and worst case dose projections when directed 5. Provide offsite dose projection information to the RAC 6. Monitor available parameter indications to detect changes that affect dose assessment. 7. Perform dose projections using primary and backup methods


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EOF ERO RESPONSIBILITIES

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Standard ERO Position	Responsibilities
Offsite Team Coordinator	<p>The Offsite Team Coordinator reports to the Radiological Assessment Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Maintain communications with offsite monitoring teams (OMT). 2. Employ and direct OMT based on radiological /met information. 3. Supervise/develop a plume tracking strategy. 4. Log communications with OMT to include dose /air sample survey results, dosimeter reading, etc. 5. Ensure radiological information is communicated to the RAC for possible modifications to the dose calculations 6. Support coordination of efforts in the area of offsite monitoring team data with State radiological personnel 7. Ensure team is aware of changing plant / meteorological conditions 8. Ensure team is notified on KI requirements
Offsite Monitoring Teams No.1 & No. 2	<p>The Offsite monitoring team reports to the Offsite Team Coordinator (OTC). Responsibilities include:</p> <ol style="list-style-type: none"> 1. Perform activities directed by the OTC to support plume tracking and measurements 2. Monitor self reading dosimeters and report results back to the OTC 3. Implement KI protective measures when notified by the OTC

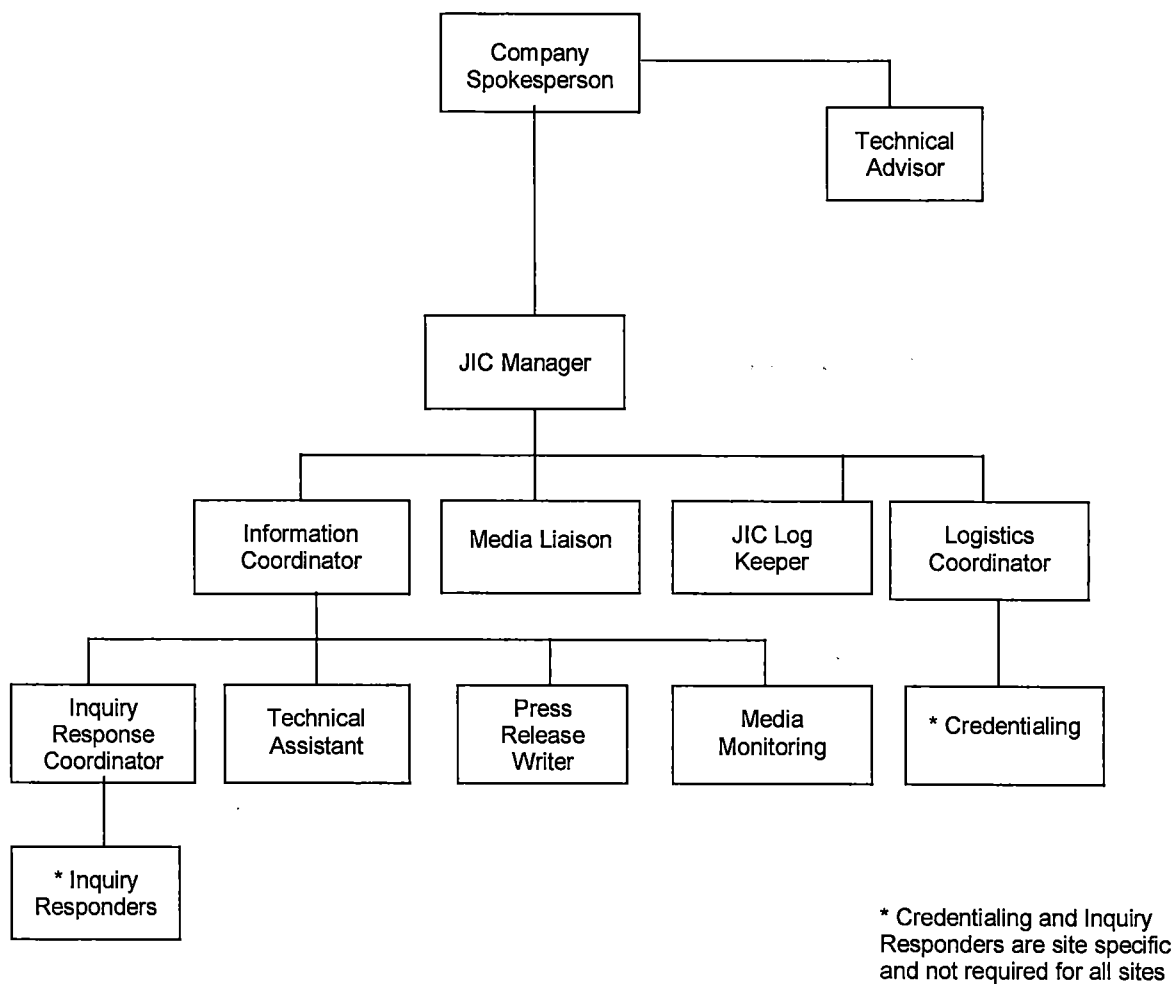
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JIC ERO RESPONSIBILITIES


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JOINT INFORMATION CENTER STANDARD ERO



Standard ERO Minimum PI Key Positions

None


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JIC ERO RESPONSIBILITIES

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Standard ERO Position	Responsibilities
Company Spokesperson	<p>The Company Spokesperson is responsible for overall public information. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Obtain briefing from the ED to ensure timely development of news releases. 2. Ensure that news media briefings are held regularly during the course of the emergency. 3. Serve as spokesperson at media briefings. 4. Keep the Entergy Vice President of Communications, or designee, informed throughout the emergency. 5. Resolve any known rumors or misinformation to the Media.
JIC Manager	<p>The JIC Manager reports to the Company Spokesperson. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Direct the activation, operation and deactivation of the JIC. 2. Obtain ED approval for the developed news releases and revise accordingly. 3. Ensure press release information is communicated to the offsite agencies. 4. Ensure press releases are coordinated with the offsite agencies. 5. Ensure appropriate timing, content and distribution of news releases. 6. Ensure activation of rumor control/public inquiry activities for response to questions from the general public. 7. Establish or ensure media briefing schedule. 8. Notify the Corporate Emergency Center (CEC).
JIC Technical Advisor	<p>The Technical Advisor (TA) reports to the Company Spokesperson. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Answer technical questions from the news media regarding the emergency situation. 2. Advise the Inquiry Response Coordinator on questions about radiation or nuclear technology to respond to phone questions from the public or media. 3. Assists the press release writer for technical accuracy, if JIC Technical Assistant position is not staffed.
JIC Media Liaison	<p>The Media Liaison reports to the JIC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Verify the readiness of the JIC briefing area. 2. Ensures media is informed of protocol and schedules established for media briefings. 3. Receive and distribute press release information to the media in the JIC briefing area.
JIC Log Keeper	<p>This position reports to the JIC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Maintain facility log on WebEOC or other acceptable method. 2. Support the JIC Manager as requested.
JIC Logistics Coordinator	<p>The Logistics Coordinator reports to the JIC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Activate facility security and briefing center. 2. Maintain access control to the JIC. 3. Ensure distribution of all press releases to the offsite agencies, JIC/EOF facilities and to the Media Liaison.

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JIC ERO RESPONSIBILITIES

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Standard ERO Position	Responsibilities
JIC Information Coordinator	<p>The Information Coordinator reports to the JIC Manager. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Provide news bulletins / press releases for distribution 2. Supervise media monitoring and response activities. 3. Supervise public response activities. 4. Establish and maintain frequent contact with the communications personnel in the corporate office or CEC.
Inquiry Response Coordinator	<p>The Inquiry Response Coordinator reports to the Information Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Ensure activation of rumor control activities for response to questions from the general public and media. 2. Monitor and respond to the public/media inquiry calls and track trends. 3. Refer questions on radiation or nuclear technology from Rumor Control Center to the Technical Advisor
<p>JIC Technical Assistant (Optional)</p> <p>Note: Position duties must be performed by JIC Tech. Advisor if position is not staffed.</p>	<p>The TA reports to the Information Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Assists the press release writer for technical accuracy.
Press Release Writer	<p>The Press Writer reports to the Information Coordinator and generates press releases as directed by the JIC Manager.</p> <ol style="list-style-type: none"> 1. Fax copies of press releases to the CEC/Corporate Communications
Media Monitoring	<p>Media Monitor reports to the Information Coordinator:</p> <ol style="list-style-type: none"> 1. Monitor TV and radio broadcasts for inaccuracies 2. Report all inaccuracies to the Information Coordinator to ensure they are addressed in the media briefings.
Inquiry Responders ¹	<p>Reports to the Inquiry Response Coordinator and respond to telephone inquiries from the general public and news media.</p> <ol style="list-style-type: none"> 1. Log questions that require a callback 2. Log rumors and provide to the Inquiry Response Coordinator
Credentialing (Optional)	<p>Reports to the JIC Logistics Coordinator. Responsibilities include:</p> <ol style="list-style-type: none"> 1. Establish security to restrict access to the JIC to authorized Utility/Government JIC responders. 2. Restrict access to the JIC media/briefing area to persons with media credentials.

¹May be performed by non-nuclear utility personnel such as a call center or at a company remote facility.

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ANO SITE SPECIFIC ERO INFORMATION


Sheet 1 of 5

The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & on-shift staff	Emergency Response Position	Personnel (for 1 unit)	Response Time Goals	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift	on shift	
	Control Room Supervisor	1/shift	on shift	
	Control Room Operator	2/shift	on shift	
	Plant Operator	3/shift	on shift	1 is waste control operator
	Shift Technical Advisor	1/shift	on shift	Fills core/thermal hydraulics engineer function
	Control Room Communicator	1/shift	on shift	Non-Licensed Operator
On-shift staff	RP	4/shift	on shift	2 positions filled by plant operators
	Maintenance (MM, EM, I&C)	3/shift	on shift	Function performed by plant operators
	Chemistry Technician	1/shift	on shift	Fills dose assessment function
	Security Force	Per Security Plan	on shift	

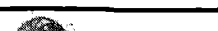
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ANO SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager	1/team	90	
	TSC Manager	1/team	90	
	Reactor Engineer #	1/team	60	
	Maintenance Coordinator	1/team	90	
	ENS Communicator #	1/team	90	
	TSC Communicator	1/team	90	
	Operations Coordinator	1/team	90	
	Radiological Coordinator	1/team	90	
	Engineering Coordinator	1/team	90	
	Engineering Elec/I&C #	1/team	90	
	Engineering Mech #	1/team	90	
	Security Coordinator	1/team	On shift	
	IT Specialist	1/team	90	
	Status Board Communicator	1/team	90	Site specific position not required for standard ERO


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ANO SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	90	
	OSC Log Keeper	1/team	90	
	OSC Operations Support	1/team	90	
	Work Control Coordinator	1/team	90	
	Mechanical Coordinator	1/team	90	
	I&C Coordinator	1/team	90	May be filled by the Electrical Coordinator
	Electrical Coordinator	1/team	90	May be filled by the I&C Coordinator
	Rad Chem Coordinator	1/team	90	
	Mechanics #	2/team	90	(craft)
	Electricians #	2/team	60/90	1 required in 60 min. (craft)
	I&C #	2/team	60/90	1 required in 60 min. (craft)
	RP/HP #	6/team	60	Includes offsite monitoring team (craft)
	RP/HP #	6/team	90	Includes offsite monitoring team (craft)
	Chemistry Technician #	1/team	90	(craft)
	Chemistry Technician #	1/team	60	(craft dose assessment)


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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	90	
	EOF Manager	1/team	90	
	EOF Log Keeper	1/team	90	
	Technical Advisor	1/team	90	
	Radiological Assessment Coordinator	1/team	90	
	Dose Assessor #	4/team	90	Craft
	Offsite Team Coordinator #	1/team	90	
	Offsite Communicator	1/team	90	
	EOF Communicator	1/team	90	
	Offsite Monitoring Team No. 1	2/team	90	Craft dispatched from OSC
	Offsite Monitoring Team No. 2	2/team	90	Craft dispatched from OSC
	IT Specialist	1/team	90	IT Specialist staffed in TSC or EOF
	Administration and Logistics Coordinator	1/team	90	
	Public Information Liaison	1/team	90	
	Lead Offsite Liaison	1/team	90	
	Offsite Liaison(s)	1/offsite EOC/team	90	


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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	120	
	JIC Manager	1/team	120	
	Technical Advisor	1/team	120	
	Information Coordinator	1/team	120	
	Media Liaison	1/team	120	
	Log Keeper	1/team	120	
	JIC Logistics Coordinator	1/team	120	
	Inquiry Response Coordinator	1/team	120	
	Technical Assistant	1/team	120	
	Press Release Writer	1/team	120	
	Media Monitoring	1/team	120	
	Inquiry Response Staff		120	Site addition not listed on standard ERO

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GGNS SITE SPECIFIC ERO INFORMATION


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The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & on-shift staff	Emergency Response Position	Personnel Required On Shift	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift	on shift	The Shift Manager will cover both functions until relieved by responding On-call Manager as Emergency Director.
	Control Room Supervisor	1/shift	on shift	
	Control Room Operator	2/shift	on shift	
	Plant Operator	2/shift	on shift	
	Shift Technical Advisor	1/shift	on shift	
	Control Room Communicator	2/shift	on shift	Covered by On Shift RWO or operator, until relieved by responding Offsite Communicator. Once relieved, reports to the OSC
On-shift staff	HP	2/shift	on shift	Reports to EOF or OSC at an Alert or higher
	Maintenance (MM, EM, I&C)	3/shift	on shift	One Maintenance positions is filled by Rad Waste Operator or Plant Operator. Reports to the OSC at an Alert or higher
	Chemistry Technician	1/shift	on shift	Can provide CR Dose Assessment function, if needed. Once relieved, reports to the OSC
	Security Force	Per Security Plan	on shift	

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GGNS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager	1/team	90 *	
	TSC Manager	1/team	90 *	
	Reactor Engineer #	1/team	75 *	
	Maintenance Coordinator	1/team	90 *	
	ENS Communicator #	1/team	75 *	
	TSC Communicator	1/team	90 *	
	Operations Coordinator	1/team	90 *	
	Radiological Coordinator	1/team	90 *	
	Engineering Coordinator	1/team	90 *	
	Engineering Elect/I&C #	1/team	90 *	
	Engineering Mech #	1/team	90 *	
	Security Coordinator	Per Security Plan	None	A Security Supervisor covers this function until relieved by Security Management.
	TSC IT Specialist	N/A	N/A	IT Specialist staffed in EOF

* 45 minutes if onsite

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GGNS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	90 *	
	OSC Communicator	1/team	90 *	GGNS specific title for standard ERO OSC Log Keeper
	OSC Operations Support	1/team	90 *	
	Work Control Coordinator	1/team	90 *	
	Mechanical Coordinator	1/team	90 *	
	Electrical/I&C Coordinator	1/team	90 *	
	Rad/chem Coordinator #	1/team	90 *	
	RP/HP Techs #	6/team Call in	90 *	6 HP techs (4 of the 6 reporting HP's must be qualified as Senior HP's) (drawn from a pool, not on four section rotation)
	Mechanic #	2/team	90 *	(drawn from a pool, not on four section rotation)
	Electrician #	2/team Call in	90 *	(drawn from a pool, not on four section rotation)
	I&C #	1/team Call in	90 *	(drawn from a pool, not on four section rotation)
	Chemistry Technician #	1/team	90 *	
	OSC Planner	2/team	90 *	Site addition not listed on standard ERO
	Onsite Monitor #	2/team	90 *	Site addition not listed on standard ERO

* 45 minutes if onsite

¹On-shift craft, RP tech and Chemistry technician personnel are required for OSC minimum staffing

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GGNS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	75 *	
	EOF Manager #	1/team	90 *	
	EOF Log Keeper	1/team	90 *	
	Technical Advisor	1/team	90 *	
	Radiological Assessment Coordinator	1/team	75 *	Minimum staffing is RAC or Dose Assessor (1) Either may fill both positions
	Dose Assessor (1) #	1/team	75 *	Minimum staffing is RAC or Dose Assessor (1) Either may fill both positions
	Dose Assessor (2)	1/team	90 *	(One required for Standard ERO)
	Offsite Team coordinator	1/team	90 *	
	Offsite Communicator #	1/team	75 *	
	EOF Communicator	1/team	90 *	
	Offsite Monitoring Team No. 1 #	2/team	90 *	Minimum staffing is 1 team with a Monitor and a Driver
	Offsite Monitoring Team No. 2	2/team	90 *	
	IT Specialist	1/team	90 *	
	Administration and Logistics Coordinator	1/team	90 *	
	Public Information Liaison	1/team	90 *	
	Lead Offsite Liaison	1/team	90 *	
	Offsite Liaison	4/team	NA	These positions report to the State & Local EOC's
	Fitness for Duty Administrator	1/team	90 *	Site addition not listed on standard ERO

* 45 minutes if onsite


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GGNS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	120	
	JIC Manager	1/team	120	
	Log Keeper	1/team	120	
	Inquiry Response Coordinator	1/team	120	
	Technical Assistant	1/team	120	
	Press Release Writer	1/team	120	
	Inquiry Response Staff	2/team	120	

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IPEC SITE SPECIFIC ERO INFORMATION


Sheet 1 of 5

The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & On-shift Staff	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift/unit	on shift	
	Control Room Supervisor	1/shift/unit	on shift	
	Control Room Operator	2/shift/unit	on shift	
	Plant Operator	5/shift/unit	on shift	
	Shift Technical Advisor	1/shift/unit	on shift	
	Control Room Communicator	1/shift	on shift	Provides notification for both units.
	Facility Communicator	1/team	60	
On-shift staff	RP	1/shift/unit	on shift	
	Maintenance (MM, EM, I&C)		on shift	Some MM & EM on second shift
	Chemistry Technician	1/shift/unit	on shift	
	Security Force	Per Security Plan	on shift	
	Plant Operations Manager	1/team	60	


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IPEC SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager	1/team	60	
	TSC Manager	1/team	60	
	Reactor Engineer #	1/team	60	
	ENS Communicator		60	Filled by POM in CCR or available personnel
	TSC Communicator #	1/team	60	
	Operations Coordinator	1/team	60	
	Radiological Coordinator	1/team	60	
	Engineering Coordinator	1/team	60	
	Engineering Elec/I&C #	1/team	60	
	Engineering Mech. #	1/team	60	
	Security Coordinator	Per Security Plan	60	
	TSC IT Specialist	1/team	60	


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IPEC SITE SPECIFIC ERO INFORMATION

Sheet 3 of 5

Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	60	
	OSC Log Keeper	1/team	60	
	OSC Operations Support	1/team	60	
	Work Control Coordinator	1/team	60	
	Mechanical Coordinator	1/team	60	
	Electrical/I&C Coordinator	1/team	60	
	Rad Chem Coordinator	1/team	60	
	Mechanics #	2/team	60	Drawn from a pool, not on four section rotation
	Electricians #	2/team	60	Drawn from a pool, not on four section rotation
	I&C Techs #	2/team	60	Drawn from a pool, not on four section rotation
	RP/HP #	8/team	60	Drawn from a pool, not on four section rotation
	Chemistry Technicians #	1/team	60	Drawn from a pool, not on four section rotation


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IPEC SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	60	Either the ED or EOF Mgr. is required for augmentation
	EOF Manager #	1/team	60	Either the ED or EOF Mgr. is required for augmentation
	EOF Log Keeper	1/team	60	
	Technical Advisor	1/team	60	
	Radiological Assessment Coordinator #	1/team	60	
	Dose Assessor	1/team	60	
	Offsite Team coordinator #	1/team	60	
	Offsite Communicator #	1/team	60	
	EOF Communicator	1/team	60	
	Offsite Monitoring Team No. 1 #	2/team	60	
	Offsite Monitoring Team No. 2 #	2/team	60	
	IT Specialist	1/team	60	
	Administration and Logistics Coordinator	1/team	60	
	Public Information Liaison	1/team	60	
	Lead Offsite Liaison	1/team	60	
	Offsite Liaisons	5/team	N/A	


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IPEC SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	120	
	JIC Manager	1/team	120	
	Technical Advisor	1/team	120	
	Media Liaison	1/team	120	
	Log Keeper	1/team	120	
	JIC Logistics Coordinator	1/team	120	
	Inquiry Response Coordinator	1/team	120	
	Technical Assistant	1/team	120	
	Press Release Writer	1/team	120	
	Media Monitoring	1/team	120	
	Inquiry Response Staff			Performed by NYS Tax & Finance Dept. Westchester deploys their own Inquiry Response
	Rad Advisor	1/team	120	Site specific position in addition to standard ERO
	AV Graphics	1/team	120	Site specific position in addition to standard ERO

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JAF SITE SPECIFIC ERO INFORMATION

Sheet 1 of 5

The ERO staffing tables reflect the site's implementation of the fleet standard for a fully staffed ERO.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & On-shift Staff	Emergency Response Position	Personnel Required On Shift	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift	on shift	Also communicator for PI
	Control Room Supervisor	1/shift	on shift	
	Control Room Operator	3/shift	on shift	
	Plant Operator	4/shift	on shift	
	Shift Technical Advisor	1/shift	on shift	
	Communication Aide	1/shift	on shift	(Site specific title for Communicator)
On-shift staff	HP	1/shift	on shift	
	Maintenance (MM, EM, I&C)	0	N/A	
	Chemistry Technician	1/shift	on shift	
	Security Force	Per Security Plan	on shift	


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JAF SITE SPECIFIC ERO INFORMATION

Sheet 2 of 5

Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager	1/team	60	
	TSC Manager	1/team	60	
	Reactor Engineer #	1/team	60	May report to TSC or CR
	Maintenance Coordinator	1/team	60	
	ENS Communicator #	1/team	60	
	TSC Communicator	1/team	N/A	
	Operations Coordinator	1/team	60	May report to TSC or CR
	Radiological Coordinator	1/team	60	
	Engineering Coordinator	1/team	60	
	Engineering Elec/I&C #	1/team	60	
	Engineering Mech #	1/team	60	
	Security Coordinator	Per Security Plan	60	
	Telephone/ Telecopy/ Accountability Clerk	2/team	N/A	Site position not listed on standard ERO. Normally staffed by clerical support.


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JAF SITE SPECIFIC ERO INFORMATION

Sheet 3 of 5

Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	60	
	OSC Log Keeper	1/team	N/A	
	OSC Operations Support	1/team	60	Staffed by off-shift operations personnel and/or personnel turned over to the OSC from the shift once OSC operational
	Work Control Coordinator	1/team	60	
	Mechanical Coordinator	1/team	60	
	Electrical/I&C Coordinator	1/team	60	
	Rad Chem Coordinator	1/team	60	
	Electrical Technicians #	2/team	60	(drawn from a pool, not on four section rotation)
	I&C Technicians #	1/team	60	(drawn from a pool, not on four section rotation)
	Mechanical Maintenance Technicians #	2/team	60	(drawn from a pool, not on four section rotation)
	RP/HP Technicians #	8/team	60	(drawn from a pool, not on four section rotation)
	Chemistry Technicians #	1/team	60	(drawn from a pool, not on four section rotation)


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JAF SITE SPECIFIC ERO INFORMATION

Sheet 4 of 5

Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director	1/team	60	
	EOF Manager	1/team	60	
	EOF Log Keeper	1/team	N/A	
	Technical Advisor	1/team	60	
	Radiological Assessment Coordinator #	1/team	60	
	Dose Assessor #	1/team	60	
	Offsite Team coordinator	1/team	60	
	Offsite Communicator #	1/team	60	
	EOF Communicator	1/team	60	
	Offsite Monitoring Team No. 1	2/team	60	Teams may be dispatched from TSC and/or EOF
	Offsite Monitoring Team No. 2	2/team	60	Teams may be dispatched from TSC and/or EOF
	IT Specialist	1/team	60	
	Administration and Logistics Coordinator	1/team	60	
	Lead Offsite Liaison	1/team	60	
	Offsite liaison	2/team	60 / >120	60 minute responder is for County / second responder is to State and takes >120 minutes
	Dose Assessment Clerk	1/team	N/A	Site specific - not listed in standard ERO


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JAF SITE SPECIFIC ERO INFORMATION

Sheet 5 of 5

Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	60	
	JIC Manager	1/team	60	
	Technical Advisor	1/team	60	
	Information Coordinator	1/team	60	
	Media Liaison	1/team	60	
	Log Keeper	1/team	60	
	JIC Logistics Coordinator	1/team	60	
	Inquiry Response Coordinator	1/team	60	
	Technical Assistant	1/team	60	
	Press Release Writer	1/team	60	
	Media Monitoring	1/team	60	
	Inquiry Response Staff	1/team	60	Site specific - not listed in standard ERO, answers phones

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PLP SITE SPECIFIC ERO INFORMATION


Sheet 1 of 5

The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager	1/shift	on shift	
	Emergency Director	1/shift	on shift	May be provided by shift personnel assigned other functions
	Control Room Supervisor	1/shift	on shift	
	Control Room Operator	2/shift	on shift	
	Plant Operator	6/shift	on shift	
	Shift Technical Advisor	1/shift	on shift	
	Control Room / Notification Communicator	1/shift	on shift	
	Control Room Communicator	1	60	Site Specific ERO position not in the fleet standard ERO.
	Technical Support (Core Thermal Hydraulics)	1/shift	on shift	May be provided by shift personnel assigned other functions
On-shift staff	Rad Waste Operator #	1	60	
	RP	2/shift	on shift	
	Maintenance (MM)	1/shift	on shift	May be provided by shift personnel assigned other functions
	Maintenance (EM)	1/shift	on shift	May be provided by shift personnel assigned other functions
	On-shift Chemistry Technician	1 /shift	on shift	
	Security Force	Per Security Plan	on shift	
	Rescue Operations and First Aid	2/shift	on shift	May be provided by shift personnel assigned other functions
	Firefighting	Per Tech Specs		


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PLP SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager	1/team	60	
	TSC Manager	1/team	60	
	Reactor Engineer #	1/team	60	
	Maintenance Coordinator	1/team	60	
	ENS Communicator #	1/team	60	
	TSC Communicator	1/team	60	
	Operations Coordinator	1/team	60	
	Radiological Assessment Coordinator #	1/team	60	
	Engineering Coordinator	1/team	60	
	Engineering Elec/I&C #	1/team	60	
	Engineering Mech #	1/team	60	
	Security Coordinator	Per Security Plan	60	
	TSC Log Keeper	1/team	60	Site specific ERO position not in fleet standard ERO
	TSC Admin Support	1/team	60	Site specific ERO position not in fleet standard ERO


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PLP SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	60	
	OSC Log Keeper	1/team	60	
	OSC Operations Support	1/team	60	
	Work Control Coordinator	1/team	60	
	Mechanical Coordinator	1/team	60	
	Electrical/I&C Coordinator	1/team	60	
	Rad Chem Coordinator	1/team	60	
	RP Technicians #	3	60	
	RP Technicians #	3	90	
	OSC Non-Traditional RP Technician	1/team	60	Site specific ERO position not in fleet standard ERO
	Onsite Monitoring Team #	1	60	
	Offsite Monitoring Team #	1	60	
	Offsite Monitoring Team #	1	90	
	OSC – FMT Drivers #	1	60	
	OSC – FMT Drivers #	1	90	
	OSC – Radio Communicator	1	60	Site specific ERO position not in fleet standard ERO
	Maintenance (MM) #	1	60	
	Maintenance (EM) #	2	60	
	Maintenance (I&C) #	1	60	
	Chemistry Technician #	1	60	
	OSC Admin Support	1	60	Site specific ERO position not in fleet standard ERO


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PLP SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	60	
	EOF Manager	1/team	60	
	EOF Log Keeper	1/team	60	
	Technical Advisor	1/team	60	
	Radiological Assessment Coordinator	1/team	60	
	Dose Assessor	1/team	60	
	Offsite Team Coordinator	1/team	60	
	Offsite Communicator #	1/team	60	
	State/County Communicator #	1/team	60	
	EOF Communicator	1/team	60	
	IT Specialist	1/team	60	
	Administration and Logistics Coordinator	1/team	60	
	Lead Offsite Liaison	1/team	60	
	Offsite Liaison (State)	1/team	150	
	Offsite Liaison (County)	3/team	60	
	Security Coordinator	1/team	60	Site specific ERO position not in fleet standard ERO
	Security Staff	2/team	60	Site specific ERO position not in fleet standard ERO


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PLP SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	90	
	JIC Manager	1/team	90	
	Technical Advisor	1/team	90	
	Information Coordinator	1/team	90	
	Media Liaison	1/team	90	
	Log Keeper	1/team	90	
	JIC Logistics Coordinator	1/team	90	
	Inquiry Response Coordinator	1/team	90	
	Technical Assistant	1/team	90	
	Press Release Writer	1/team	90	
	Media Monitoring	1/team	90	
	Public Inquiry Staff	2/team	90	Site specific ERO position not in fleet standard ERO, answers phones.

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PNPS SITE SPECIFIC ERO INFORMATION

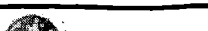
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The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & On-shift Staff	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift	on shift	
	Control Room Supervisor	1/shift	on shift	
	Licensed Nuclear Plant Operator	2/shift	on shift	
	Unlicensed Nuclear Plant Operator	2/shift	on shift	
	Engineer (Shift Control Room)	1/shift	on shift	Site title for standard ERO Shift Technical Advisor
	Unlicensed Nuclear Plant Operator	1/shift	on shift	Control Room Communicator
	Unlicensed Nuclear Plant Operator	1/shift	on shift	Corrective Actions/Safe Shutdown
	Licensed Nuclear Plant Operator	1/shift	on shift	Corrective Actions
On-shift staff	RP Technician	1/shift	on shift	May perform back-up dose assessment
	Maintenance	n/a		Site specific EPlan staffing
	Radiochemistry Technician	1/shift	on shift	May perform back-up dose assessment
	Security Force	Per Security Plan	on shift	
	ENS Communicator	n/a	on shift	Filled by Ops staff / site specific for standard ERO augmented TSC position.


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PNPS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager #	1/team	60	
	TSC Manager	1/team	60	
	Reactor Engineer #	1/team	30	
	TSC Communicator	1/team	60	
	Operations Coordinator	1/team	60	
	Radiological Coordinator	1/team	60	
	Engineering Coordinator	1/team	60	
	Elec/I&C Engineer #	2/team	60	1 is regulatory required
	Mech. Engineer #	1/team	60	
	TSC Security Coordinator	Per Security Plan	60	
	TSC IT Specialist	1/team	60	
	Operations Engineer	1/team	60	Site addition provides Engineering Ops support
	TSC SCRE	1/team	60	Site addition provides TSC Ops support


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PNPS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	60	
	OSC Log Keeper	1/team	60	
	Operations Support	1/team	60	
	Work Control Coordinator	1/team	60	
	Mechanical Coordinator	1/team	60	
	I&C/Electrical Coordinator	1/team	60	
	Rad/Chem Coordinator	1/team	60	
	Maintenance (MM /EM /I&C) #	5/team 2/team	30 60	Call in (drawn from a pool, not on four section rotation)
	RP Technicians	4/team 4/team	30 60	Call in (drawn from a pool, not on four section rotation)
	Chemistry Technician #	1/team	60	Call in (drawn from a pool, not on four section rotation)
	Dosimetry Clerk	1/team	60	Site addition provides dosimetry support


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PNPS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	60	
	EOF Manager #	1/team	60	
	EOF Log Keeper	1/team	60	
	EOF Technical Advisor	1/team	60	
	Radiological Assessment Coordinator #	1/team	30	
	Dose Assessor	2/team	60	
	Offsite Monitoring Team Coordinator	1/team	60	
	Offsite Communicator #	1/team	30	
	EOF Communicator #	1/team	60	
	Offsite Monitoring Team No. 1 #	2/team	30	Team consists of driver and monitor
	Offsite Monitoring Team No. 2 #	2/team	60	Team consists of driver and monitor
	EOF IT Specialist	1/team	60	
	Administration and Logistics Coordinator	1/team	60	
	Public Information Liaison	1/team	60	
	Lead Offsite Liaison	1/team	60	
	Offsite Liaison(s)	6/team	60	


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PNPS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	120	
	JIC Manager	1/team	120	
	JIC Technical Advisor	1/team	120	
	Information Coordinator	1/team	120	
	Media Liaison	1/team	120	
	JIC Log Keeper	1/team	120	
	Logistics Coordinator	1/team	120	
	Inquiry Response Coordinator	1/team	120	
	Public Info. Technical Assistant	1/team	120	
	Press Release Writer	1/team	120	
	Media Monitor	2/team	120	
	Phone Team	2/team	120	Site addition not listed on standard ERO, answers phones
	Agency Coordinator	1/team	120	Site addition coordinates offsite interface
	Admin Team	1/team	120	Site addition supports material distribution
	Media Assistants	1/team	120	Site addition assists media representatives
	A/V Assistants	1/team	120	Site addition sets up JIC media briefing equipment

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RBS SITE SPECIFIC ERO INFORMATION


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The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & On-shift Staff	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift	on shift	Fills ED role until relieved by designated ED Communicator for PI
	Control Room Supervisor	1/shift	on shift	
	Nuclear Control Operator	2/shift	on shift	
	Nuclear Equipment Operator	6/shift	on shift	At least one is Communicator qualified
	Shift Technical Advisor	1/shift	on shift	
	Nuclear Equipment Operator or Nuclear Control Operator	1/shift	on shift	Control Room Communicator, SM is PI Communicator
On-shift staff	RP	2/shift	on shift	Reports to the OSC at Alert or higher
	Maintenance	2/shift	on shift	Reports to the OSC at Alert or higher
	Chemistry Technician	1/shift	on shift	Performs dose calculations
	Security Force	Per Security Plan	on shift	
	TSC/CR Communicator #	1/team	75 /90	Site addition not listed on standard ERO, positioned in CR to communicate plant conditions and anticipated CR actions with TSC and EOF [3 of 4 communicators (in CR, TSC & EOF) must report within 75 minutes]

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager #	1/team	75 *	
	TSC Manager #	1/team	90 *	
	Reactor Engineer #	1/team	75 *	
	Maintenance Coordinator	1/team	90 *	
	ENS Communicator #	1/team	75/90 *	(3 of 4 communicators must report within 75 minutes)
	TSC Communicator	1/team	90*	
	Operations Coordinator #	1/team	90 *	
	Radiological Coordinator #	1/team	75 *	Can perform EOF RAC and Dose Assessor functions
	Engineering Coordinator #	1/team	90 *	
	Engineering Elec/I&C #	1/team	90 *	
	Engineering Mech #	1/team	90 *	
	Security Coordinator	1/team	90 *	An on-shift Security Supervisor fills this function until relieved
	TSC IT Specialist #	1/team	75/90 *	

* Response time goal is 45 minutes when facility minimum staffing can be accomplished with onsite personnel.

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RBS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	90 *	
	OSC Log Keeper	1/team	90 *	
	OSC Operations Support	1/team	On shift	This position is filled by on shift operations personnel
	Work Control Coordinator	1/team	90 *	Can fill OSC Manager position
	Mechanical Coordinator	1/team	90 *	
	Electrical/I&C Coordinator	1/team	90 *	
	Rad Chem Coordinator	1/team	90 *	Position filled by on-shift Senior RP Technician until relieved
	Electrician #	2/team	Call in 90	
	I&C #	2/team	Call in 90	
	Mechanic #	2/team	Call in 90	
	RP Technicians #	9/team	Call in 75/90	On-shift position fills minimum staffing
	Chemistry Technicians #	3/team	Call in 90	On shift position fills minimum staffing. 2 are assigned to EOF Field Teams, 1 is assigned to OSC and 1 is assigned to TSC to assist with dose calculations

* Response time goal is 45 minutes when facility minimum staffing can be accomplished with onsite personnel.

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	75 *	
	EOF Manager #	1/team	90 *	
	EOF Log Keeper	1/team	90 *	
	Technical Advisor	1/team	75 *	
	Radiological Assessment Coordinator #	1/team	75 *	
	Dose Assessor #	1/team	75 *	
	Offsite Team coordinator	1/team	90 *	
	Offsite Communicator #	1/team	75/90 *	(3 of 4 communicators must report within 75 minutes)
	EOF Communicator #	1/team	90 *	
	Offsite Monitoring Team No. 1 #	2/team	75 *	2 RP techs will report as offsite team members in 75 minutes
	Offsite Monitoring Team No. 2	2/team	90 *	
	IT Specialist	N/A	N/A	IT Specialist staffed in TSC
	Administration and Logistics Coordinator	1/team	90 *	
	Public Information Liaison	1/team	90 *	
	Lead Offsite Liaison	1/team	90 *	
	Offsite Liaison(s)	1/offsite EOC/team	90 - 120*	These positions report to the State and Parish (5) EOCs

* Response time goal is 45 minutes when facility minimum staffing can be accomplished with onsite personnel.

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RBS SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	120*	
	JIC Manager	1/team	120*	
	Technical Advisor	1/team	120*	
	Media Liaison	1/team	120*	
	Technical Assistant	1/team	120*	
	Press Release Writer	1/team	120*	
	Media Monitoring	1/team	120*	

* Response time goal is 60 minutes when facility position is onsite

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WF3 SITE SPECIFIC ERO INFORMATION

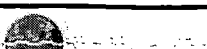
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The Emergency Plan is the governing document for the Emergency Response Organization and should be referred to when implementing or assessing regulatory compliance.

The ERO staffing tables are administrative and reflect the site's implementation of the fleet standard for a fully staffed ERO. Site changes to the ERO may be implemented with follow-up revision to the procedure table.

ERO positions with # are designated as Regulatory Required personnel. These positions are required to meet the augmentation requirements of the emergency plan. ALL other ERO Positions are not required for augmentation and are designated as "support" personnel.

Facility & On-shift Staff	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: On Shift Emergency Responders
Control Room	Shift Manager / Emergency Director	1/shift	on shift	Shift Manager fills both functions until relieved by Duty EOF Emergency Director
	Control Room Supervisor	1/shift	on shift	
	Control Room Operator	2 /shift	on shift	
	Nuclear Auxiliary Operator	5/shift	on shift	
	Remote Shutdown Operator	2/shift	on shift	
	Shift Technical Advisor	1/shift	on shift	
	Emergency Communicator		on shift	Function filled by NAO until relieved by EOF Offsite Communicator
On-shift staff	HP	2/shift	on shift	Reports to OSC at Alert or higher
	Maintenance (MM, EM, I&C)	2/shift	on shift	Reports to OSC at Alert or higher
	Chemistry Technician	1/shift	on shift	Reports to OSC at Alert or higher
	Security Force	Per Security Plan	on shift	

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the TSC at an Alert or higher unless noted below
TSC	Emergency Plant Manager #	1/team	75/45*	
	TSC Manager	1/team	90/45*	
	Reactor Engineer #	1/team	75/45*	
	Maintenance Coordinator	1/team	90/45*	
	ENS Communicator #	1/team	75/45*	
	TSC Communicator	1/team	90/45*	
	Operations Coordinator	1/team	90/45*	
	Radiological Coordinator	1/team	90/45*	
	Engineering Coordinator	1/team	90/45*	
	Engineering Electrical #	1/team	75/45*	
	Engineering I&C	1/team	90/45*	
	Engineering Mechanical #	1/team	75/45*	
	IT Specialist	1/team	90/45*	
	Operations Communicator	1/team	90/45*	Site specific position in addition to standard ERO
	Radiation Coordinator Asst.	1/team	90/45*	Site specific position in addition to standard ERO
	TSC Chemistry Engineer	1/team	90/45*	Site specific position in addition to standard ERO
	TSC Status Board Keeper	1/team	90/45*	Site specific position in addition to standard ERO

*Goal of 45 minutes if position is onsite.

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the OSC at an Alert or higher unless noted below
OSC	OSC Manager	1/team	90/45*	
	OSC Log Keeper	1/team	90/45*	
	Work Control Coordinator	1/team	90/45*	
	OSC Operations Support	1/team		Filled by Control Room Training Shift on as needed/ as available basis
	Mechanical Coordinator	1/team	90/45*	
	Electrical Coordinator	1/team	90/45*	
	I&C Coordinator	1/team	90/45*	
	Rad/Chem Coordinator	1/team	90/45*	
	Mechanics #	2/team	75/45*	All Craft techs
	Electricians #	2/team	75/45*	All Craft techs
	I&C Techs #	2/team	75/45*	All Craft techs
	RP/HP/ Techs #	11/team	75/45*	
	Chemistry Tech #	1/team	75/45*	
	Assembly Area Coordinator	1/team	90/45*	Site specific position in addition to standard ERO
	Security Coordinator	1/team	90/45*	

*Goal of 45 minutes if position is onsite.

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the EOF at an Alert or higher unless noted below
EOF	Emergency Director #	1/team	75/45*	
	EOF Manager	1/team	90/45*	
	EOF Log Keeper	1/team	90/45*	
	Technical Advisor	1/team	90/45*	
	Radiological Assessment Coordinator #	1/team	75/45*	
	Dose Assessor #	1/team	75/45*	
	Offsite Team Coordinator #	1/team	75/45*	
	Offsite Communicator #	2/team	75/45*	
	EOF Communicator	1/team	90/45*	
	Offsite Monitoring Team No. 1	2/team	75/45* 90/45*	Team is 1 monitor required 75/45* and 1 driver 90/45*
	Offsite Monitoring Team No. 2	2/team	75/45* 90/45*	Team is 1 monitor required 75/45* and 1 driver 90/45*
	IT Specialist	1/team	90/45*	
	Administration / Logistics Coordinator	1/team	90/45*	
	Public Information Liaison	1/team	90/45*	
	Lead Offsite Liaison	1/team	90/45	
	Offsite Liaison(s)	1/offsite EOC/team	90/45*	
	Field Team Communicator	1/team	90/45*	Site specific position in addition to standard ERO
	EOF Habitability Assessor	1/team	90/45*	Site specific position in addition to standard ERO
	Licensing Coordinator	1/team	90/45*	Site specific position in addition to standard ERO
	Entergy System Liaison	1/team	90/45*	Site specific position in addition to standard ERO
	RAC Assistant	1/team	90/45*	Site specific position in addition to standard ERO
	Status Board Keeper	1/team	90/45*	Site specific position in addition to standard ERO
	Admin Assistant	1/team	90/45*	Site specific position in addition to standard ERO

*Goal of 45 minutes if position is onsite.


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WF3 SITE SPECIFIC ERO INFORMATION

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Facility	Emergency Response Position	Personnel Required	Response Time Goals minutes	Comment: All report to the JIC at an Alert or higher unless noted below
JIC	Company Spokesperson	1/team	120	
	JIC Manager	1/team	120	
	Technical Advisor	1/team	120	
	Information Coordinator	1/team	120	
	Media Liaison	1/team	120	
	Log Keeper	1/team	120	
	JIC Logistics Coordinator	1/team	120	
	Inquiry Response Coordinator	1/team	120	
	Technical Assistant	1/team	120	
	Press Release Writer	1/team	120	
	Media Monitoring	1/team	120	
	Inquiry Response Staff	2/team	120	Not listed on standard ERO, answers phones

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ATTACHMENT 9.15
MINIMUM STAFFING LEVELS FOR EACH ERF FOR THE STANDARD ERO
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This is typical minimum staffing to declare emergency response facilities operational. The site's staffing requirements may differ as needed to address site specific requirements. Site specific staffing requirements are listed in the site's emergency implementing procedures.

The ERO should take appropriate actions necessary to mitigate the event regardless of facility manning or status.

Facility	Emergency Response Position	Comment:
TSC	Emergency Plant Manager (EPM)	
	Reactor Engineer	
	Radiological Coordinator	
	Mechanical and Electrical/I&C Engineers	Appropriate staff to perform the facility's key function areas for the event
	ENS Communicator	May be located in the Control Room
EOF	Emergency Director	
	Radiological Assessment Coordinator or Dose Assessor	RAC or Dose Assessor (1) Either may fill both positions
	Offsite Communicator	
OSC	OSC Manager	
	Rad/Chem Coordinator	Function may be assigned to RP staff position if person is qualified.
	Maintenance (craft), RP and Chemistry personnel	Appropriate staff to perform the facility's key function areas for the event
JIC	Company Spokesperson	