

Attachment 1

EP-MNS-EPLAN-ANNEX, Revision 1, 10 CFR 50.54(q) Summary of Changes

EMERGENCY PLAN CHANGE SCREENING AND EFFECTIVENESS EVALUATIONS 10 CFR 50.54(Q)	AD-EP-ALL-0602
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Section I: 10 CFR 50.54(q) Review Number: (REG #):		02404864	
Applicable Sites and Applicability Determination # (5AD)			
<input type="checkbox"/> BNP		<input type="checkbox"/> CNS	<input type="checkbox"/> HNP
<input checked="" type="checkbox"/> MNS	02404862	<input type="checkbox"/> ONS	<input type="checkbox"/> RNP
Document #, EC #, or N/A	Revision # or N/A	Document or Activity Title	
EP-MNS-EPLAN-ANNEX	1	Duke Energy McGuire Emergency Plan Annex	

Section II: Identify/Describe All Proposed Activities/Changes being Reviewed

Event or action, or series of actions that may result in a change to the emergency plan or affect the implementation of the emergency plan (Use attachments, or continue additional pages as necessary): Continue to Section III.

EP-MNS-EPLAN-ANNEX, Duke Energy McGuire Emergency Plan Annex, is the McGuire specific compliment to the Duke Energy Common Emergency Plan. The Annex is being revised to update format and correct procedure references.

Change #	Section or Step #	Change From	Change to
1	Throughout	Old revision number, document cover page, document title, table of contents, header and footer, page numbers.	New revision number, document cover page, document title, updated table of contents, added revision summary, and page numbers as a result of the changes to the procedure. Procedure format was updated to align with Procedure Automation System (PAS). PAS formatting includes updating documents referenced in body of annex to include hyperlinks and are designated with blue text.
2	Throughout	Revision 0 grammar issues found in review.	Revision 1 Updated grammar issues found in review (added or removed spaces and hyphens where needed).
3	Section B.1.a	The MNS on-shift staffing analysis report has been developed in accordance with 10 CFR 50 Appendix E.IV.A.9 and NEI 10-05. Refer to CSD-EP-MNS-0603-02, McGuire Plant On-Shift Staffing Analysis.	The MNS on-shift staffing analysis has been developed in accordance with 10 CFR 50 Appendix E.IV.A.9 and NEI 10-05. Refer to EP-MNS-OSSA, McGuire On-Shift Staffing Analysis.
4	Section E.2	Detailed information on the FEMA approved system used to alert and notify the general public is maintained in CSD-EP-MNS-0603-01, McGuire Plant Alert and Notification System Design Report.	Detailed information on the FEMA approved system used to alert and notify the general public is maintained in EP-MNS-ANS, McGuire Alert and Notification System Design Report.
5	H.1	In the event the TSC must be evacuated, an alternate location has been established in the McGuire Administrative Building.	In the event the TSC must be evacuated, an alternate location has been designated in the McGuire Administration Building.

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Change #	Section or Step #	Change From	Change to
6	Section J.2	The main plant access road may be used to depart from the site. Evacuation routes and relocation areas are shown in CSD-EP-MNS-0603-03, McGuire Plant Evacuation Time Estimate Study.	The main plant access road may be used to depart from the site. Evacuation routes and relocation areas are shown in EP-MNS-ETE, McGuire Evacuation Time Estimate.
7	Section J.8.a	The MNS site specific ETE report is documented in CSD-EP-MNS-0603-03, McGuire Plant Evacuation Time Estimate Study.	The MNS site-specific ETE report is documented in EP-MNS-ETE, McGuire Evacuation Time Estimate.
8	Section P, Table P.7.1	RP/0/A/5700/011 Conducting a Site Assembly, Site Evacuation or Containment Evacuation E, J, K	Removed from document. Procedure superseded by Fleet procedure AD-EP-ALL-0112, Site Assembly and Accountability
9	Section P, Table P.7.1	RP/0/A/5700/019 Core Damage Assessment I	Removed from document. Procedure superseded by Fleet procedure AD-EP-PWR-0206, Core Damage Assessment During an Emergency
10	Section P, Table P.7.1	HP/0/B/1009/002 Alternative Methods for Determining Dose Rate within the Reactor Building I	Removed from document.
11	Section P, Table P.7.1	HP/0/B/1009/006 Procedure for Quantifying High Level Gaseous Radioactivity Release During Accident Conditions I	Removed from document.
12	Section P, Table P.7.1	HP/0/B/1009/010 Releases of Liquid Radioactive Materials Exceeding Selected Licensee Commitments I	Removed from document.
13	Section P, Table P.7.1	HP/0/B/1009/021 Estimating Food Chain Doses Under Post-Accident Conditions I	Removed from document.
14	Section P, Table P.7.1	HP/0/B/1009/022 Accident and Emergency Response I	Removed from document.
15	Section P, Table P.7.1	HP/0/B/1009/024 Personnel Monitoring for Emergency Conditions K	Removed from document.

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Change #	Section or Step #	Change From	Change to
16	Section P, Table P.7.1	Added to document.	RP/0/A/5700/005 Care and Transportation of Injured Individual(s) from Site to Offsite Medical Facility L
17	Section P, Table P.7.1	Added to document.	AP/0/A/5500/047 Security Events (Proprietary Info) D, J
18	Section P, Table P.7.1	Added to document.	PT/0/A/4600/089 Monthly Test of ERO Communications Equipment and Supplies F, H
19	Section P, Table P.7.1	Added to document.	PT/0/A/4600/091 Periodic test of Technical Support Center Communications and Supplies F, H
20	Section P, Table P.7.1	(1) after Plan Section Implemented on header of column 3 and "(1) All letters refer to Sub-Sections of Plan Section II, Planning Standards and Elements" at bottom of table.	Removed from document.

Section III: Description and Review of Licensing Basis Affected by the Proposed activity or Change:
List all emergency plan sections that were reviewed for this activity by number and title.
IF THE ACTIVITY IN ITS ENTIRETY IS AN EMERGENCY PLAN CHANGE, EAL CHANGE OR EAL BASIS CHANGE, Enter Licensing Basis affected by the change and continue to Section VI.

Licensing Basis

- EP-ALL-EPLAN, Duke Energy Common Emergency Plan Revision 0
- EP-MNS-EPLAN, Duke Energy McGuire Emergency Plan Annex Revision 0

Current Licensing Basis

- EP-ALL-EPLAN, Duke Energy Common Emergency Plan Revision 1

The differences in the approved and the current revision of the Duke Energy Common Emergency Plan and McGuire Site's Emergency Plan (McGuire Annex) have been reviewed, and they have been determined to meet the regulatory requirements required during the course of revisions.

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Section IV: Ability to Maintain the Emergency Plan.	
<i>Answer the following questions related to impact on the ability to maintain the Emergency Plan. Continue to Section V.</i>	
1. Do any of the elements of the proposed activity change information or intent contained in the Emergency Plan?	Yes <input type="checkbox"/> No <input type="checkbox"/>
2. Do any elements of the proposed activity change an Initiating Condition (IC), Emergency Action Level (EAL), associated EAL note or basis, including underlying calculation or basis?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Attachment 3, 10 CFR 50.54(q) Initiating Condition (IC) and Emergency Action Level (EAL) and EAL Bases Validation and Verification (V&V) Form, is required to be completed as part of this review if "Yes" is selected above in question 2.	
3. Do any elements of the proposed activity change the process or capability for alerting or notifying the public as described in the FEMA-approved Alert and Notification System Design Report?	Yes <input type="checkbox"/> No <input type="checkbox"/>
4. Do any elements of the proposed activity change the Evacuation Time Estimate results?	Yes <input type="checkbox"/> No <input type="checkbox"/>
5. Do any elements of the proposed activity change the On-Shift Staffing Analysis results?	Yes <input type="checkbox"/> No <input type="checkbox"/>
6. Does the Proposed activity require a change to the Emergency Plan Programmatic Description?	Yes <input type="checkbox"/> No <input type="checkbox"/>
<i>If Question 6 was answered yes, and the document being reviewed is NOT the Emergency Plan, then exit this review until the Emergency Plan change is complete or the proposed change is modified to not change the Emergency Plan Programmatic Description.</i>	
Section IV conclusion:	
<input type="checkbox"/> If questions 1-6 in Section IV marked NO, then complete Section V . <input type="checkbox"/> If any question 1-6 of Section IV marked yes, then continue at Section VI .	

Section V: Maintaining the Emergency Plan Conclusion.
The questions in Section IV do not represent the total of all conditions that may cause a change to or impact the ability to maintain the emergency plan. Originator and reviewer signatures in Section XIV document that a review of all elements of the proposed change have been considered for their impact on the ability to maintain the emergency plan and their potential to change the emergency plan.
1. Provide a brief conclusion below that describes how the conditions, as described in the emergency plan, are maintained with this activity.
2. Select the box below when the review completes all actions for all elements of the activity and no 10CFR50.54 screening or evaluation is required for any element. Continue to Section XIV .
<input type="checkbox"/> I have completed a review of this activity in accordance with 10CFR50.54(q)(2) and determined that the effectiveness of the emergency plan is maintained. This activity does not make any changes to the emergency plan. No further actions are required to screen or evaluate this activity in accordance with 10CFR50.54(q)(3).

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<i>Section VI: Activity Previously Reviewed?</i>		
<i>Is this activity fully bounded by an NRC approved 10CFR50.90 submittal or Alert and Notification System Design Report?</i>		
<input type="checkbox"/>	Yes	10 CFR 50.54(q) Evaluation is not required. Identify bounding source document below and continue to <i>Section XIV</i> .
<input checked="" type="checkbox"/>	No	Continue to <i>Section VII</i> .
<input type="checkbox"/>	Partially	If PARTIALLY , identify bounding source document and list changes bounded by the approved 10 CFR 50.90 or Alert and Notification System Design Report below. Changes not bound by the approved 10 CFR 50.90 or Alert and Notification System Design Report (i.e., part requiring further review). Continue the review in <i>Section VII</i> .

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<i>Section VII: Editorial Changes</i>		
<input type="checkbox"/>	Yes	All Activities/Changes identified in <i>Section II</i> are editorial/typographical changes such as formatting, paragraph numbering, spelling, or punctuation that does not change intent.
<input type="checkbox"/>	No	None of the Activities/Changes listed in <i>Section II</i> are editorial/typographical changes. Continue to <i>Section VIII</i> .
<input checked="" type="checkbox"/>	Partially	Some Activities/Changes are editorial/typographical.
<p>If Yes is checked, Identify the activities/changes listed in <i>Section II</i> that are editorial/typographical changes and provide justification below. Continue to <i>Section XIV</i>.</p> <p>If Partially is checked, Identify the activities/changes listed in <i>Section II</i> that are editorial/typographical changes and provide justification below. Continue to <i>Section VIII</i> for changes not identified as editorial.</p>		

Justification:

The proposed changes below are defined as editorial in accordance with AD-EP-ALL-0602, and do not change the intent of the Emergency Plan as written.

Proposed change 1, updates procedure format to align with the Procedure Automated System (PAS) formatting. This Duke Energy Standard formatting includes updates on the document cover page, document number, table of contents, adds a revision summary, replaces lists separated by semicolon with bulleted lists, revises section spacing and page alignment, removes the previous revisions header and footer and replaces those with a PAS standard header to each page, updates the revision number throughout the document, adds hyperlinks to procedures referenced in body of annex. These format changes do not change the intent of the Emergency Plan.

Proposed change 2 revises grammar mistakes found in the review of revision 0. Extra spaces, and hyphens were placed or removed between words when needed (i.e., site specific vs. site-specific, etc.). These changes do not change the intent of the Emergency Plan.

Proposed reference changes 3, 4, 6, and 7 update procedure references to correct procedure number and title as needed. These changes do not change the intent of the Emergency Plan.

Proposed reference changes 8 and 9 remove procedures that have been superseded by fleet procedures. These changes do not change the intent of the Emergency Plan.

These editorial changes do not change the intent of the Emergency Plan and do not reduce the effectiveness of the McGuire Nuclear Station Emergency Plan.

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Section VIII: Emergency Planning Element and Function Screen (Utilize Reg Guide 1.219 and Attachment 1, Additional Regulatory Guidance References for additional assistance) Does any of Proposed Activities/Changes Identified in Section I impact any of the following, including program elements from NUREG-0654/FEMA REP-1 Section II? If yes check appropriate box.		
1	10 CFR 50.47(b)(1) Assignment of Responsibility (Organization Control)	
1a	Responsibility for emergency response is assigned.	<input type="checkbox"/>
1b	The response organization has the staff to respond and to augment staff on a continuing basis (24-7 staffing) in accordance with the emergency plan.	<input type="checkbox"/>
2	10 CFR 50.47(b)(2) Onsite Emergency Organization	
2a	Process ensures that on shift emergency response responsibilities are staffed and assigned	<input type="checkbox"/>
2b	The response organization has the staff to respond and to augment staff on a continuing basis (24-7 staffing) in accordance with the emergency plan.	<input type="checkbox"/>
3	10 CFR 50.47(b)(3) Emergency Response Support and Resources	
3a	Arrangements for requesting and using off site assistance have been made.	<input type="checkbox"/>
3b	State and local staff can be accommodated at the EOF in accordance with the emergency plan.	<input type="checkbox"/>
4	10 CFR 50.47(b)(4) Emergency Classification System	RS
4a	A standard scheme of emergency classification and action levels is in use. (Requires V/V (Attachment 5) and final approval of Screen and Evaluation by EP CFAM)	<input type="checkbox"/>
5	10 CFR 50.47(b)(5) Notification Methods and Procedures	RS
5a	Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes (60 minutes for CR3) after declaration of an emergency and providing follow-up notification.	<input type="checkbox"/>
5b	Administrative and physical means have been established for alerting and providing prompt instructions to public within the plume exposure pathway.	<input type="checkbox"/>
5c	The public ANS meets the design requirements of FEMA-REP-10, Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants, or complies with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter	<input type="checkbox"/>
6	10 CFR 50.47(b)(6) Emergency Communications	
6a	Systems are established for prompt communication among principal emergency response organizations.	<input type="checkbox"/>
6b	Systems are established for prompt communication to emergency response personnel.	<input type="checkbox"/>
7	10 CFR 50.47(b)(7) Public Education and Information	
7a	Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway emergency planning zone (EPZ).	<input type="checkbox"/>
7b	Coordinated dissemination of public information during emergencies is established.	<input type="checkbox"/>
8	10 CFR 50.47(b)(8) Emergency Facilities and Equipment	
8a	Adequate facilities are maintained to support emergency response	<input type="checkbox"/>
8b	Adequate equipment is maintained to support emergency response.	<input type="checkbox"/>
9	10 CFR 50.47(b)(9) Accident Assessment	RS
9a	Methods, systems, and equipment for assessment of radioactive releases are in use.	<input type="checkbox"/>
10	10 CFR 50.47(b) (10) Protective Response	RS
10a	A range of public PARs is available for implementation during emergencies.	<input type="checkbox"/>
10b	Evacuation time estimates for the population located in the plume exposure pathway EPZ are available to support the formulation of PARs and have been provided to State and local governmental authorities.	<input type="checkbox"/>

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10c	A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events.	<input type="checkbox"/>
10d	KI is available for implementation as a protective action recommendation in those jurisdictions that chose to provide KI to the public.	<input type="checkbox"/>
11	10 CFR 50.47(b) (11) Radiological Exposure Control	
11a	The resources for controlling radiological exposures for emergency workers are established.	<input type="checkbox"/>
12	10 CFR 50.47(b) (12) Medical and Public Health Support	
12a	Arrangements are made for medical services for contaminated, injured individuals.	<input type="checkbox"/>
13	10 CFR 50.47(b) (13) Recovery Planning and Post-Accident Operations	
13a	Plans for recovery and reentry are developed.	<input type="checkbox"/>
14	10 CFR 50.47(b) (14) Drills and Exercises	
14a	A drill and exercise program (including radiological, medical, health physics and other program areas) is established.	<input type="checkbox"/>
14b	Drills, exercises, and training evolutions that provide performance opportunities to develop, maintain, and demonstrate key skills are assessed via a formal critique process in order to identify weaknesses.	<input type="checkbox"/>
14c	Identified weaknesses are corrected.	<input type="checkbox"/>
15	10 CFR 50.47(b) (15) Emergency Response Training	
15a	Training is provided to emergency responders.	<input type="checkbox"/>
16	10 CFR 50.47(b) (16) Emergency Plan Maintenance	
16a	Responsibility for emergency plan development and review is established.	<input checked="" type="checkbox"/>
16b	Planners responsible for emergency plan development and maintenance are properly trained.	<input type="checkbox"/>
Section VIII: Conclusion		
<input checked="" type="checkbox"/> If any <i>Section VIII</i> criteria are checked, continue the 50.54(q) Review <i>Section IX</i> <input type="checkbox"/> If no <i>Section VIII</i> criteria are checked, 10CFR50.54(q)(3) Evaluation is NOT required. Document the basis for conclusion below and continue to <i>Section XIV</i> .		

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Section IX: Description of Emergency Plan Planning Standards, Functions and Program Elements Affected by the Proposed Change

Copy each emergency planning standard, function and program element affected by the proposed change that was identified as applicable in *Section VIII*. Continue to *Section X*.

Planning Standard

The regulation at 10 CFR 50.47(b)(16) states the following:

Responsibilities for plan development and review and for distribution of emergency plans are established, and planners are properly trained.

Function

Two emergency planning functions have been defined for this planning standard:

- (1) Responsibility for emergency plan development and review is established.
- (2) Planners responsible for emergency plan development and maintenance are properly trained.

Informing Criteria from NUREG-0654, Revision 2

The applicable program elements described in NUREG-0654, Section II.P state:

P.7 - An appendix containing a listing by title of the procedures required to maintain and implement the emergency plan is included. The listing includes the section(s) of the emergency plan to be implemented by each procedure.

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<i>Section X: Describe How the Proposed Change Complies with Relevant Emergency Preparedness Regulation(s) and Previous Commitment(s) Made to the NRC</i>
If the emergency plan, modified as proposed, no longer complies with planning standards in 10 CFR 50.47(b) and the requirements in Appendix E to 10 CFR Part 50, then ensure the change is rejected, modified, or processed as an exemption request under 10 CFR 50.12, Specific Exemptions, rather than under 10 CFR 50.54(q). Address each Planning Standard identified in <i>Section IX. Continue to Section XI.</i>

Proposed change 5 revises the discussion on MNS's Alternate TSC. This changes "has been established in the McGuire Administrative Building." to "has been designated in the McGuire Administration Building." The MNS Alternate TSC is not continually set up in the McGuire Administration Building and is set up (established) when the normal TSC is not available. Procedure guidance for setting up the MNS Alternate TSC is maintained in site procedure AD-EP-MNS-0105 (MNS SITE SPECIFIC TSC SUPPORT). Also changes "Administrative Building" to "Administration Building" to correct building name.

Proposed changes 10-19 update procedure references in EP-MNS-EPLAN-ANNEX Table P.7-1, MNS Emergency Plan Response and Administrative Procedures.

Change 10, HP/0/B/1009/002 – Alternative Method for Determining Dose Rate within the Reactor Building, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides a method for determining containment dose rate when plant emergency conditions exist and Containment High Range Radiation Monitors EMF 51A and EMF 51B are inoperable. EALs are implemented based on EMF 51A and EMF 51B thresholds or alternate indications as listed in EALs if inoperable. HP/0/B/1009/002 does not implement any sections of the McGuire Emergency Plan.

Change 11, HP/0/B/1009/006 - Procedure for Quantifying High Level Gaseous Radioactivity Release During Accident Conditions, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. The primary procedure to determine offsite dose is Fleet procedure AD-EP-ALL-0202, EMERGENCY RESPONSE OFFSITE DOSE ASSESSMENT. HP/0/B/1009/006 does not implement any sections of the McGuire Emergency Plan.

Change 12, HP/0/B/1009/010 - Releases of Liquid Radioactive Materials Exceeding Selected Licensee Commitments, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. McGuire Emergency plan will be implemented if liquid release exceeds EAL thresholds. Emergency plan required notifications will continue to be completed using AD-EP-ALL-0304, State and County Notifications. HP/0/B/1009/010 does not implement any sections of the McGuire Emergency Plan.

Change 13, HP/0/B/1009/021 - Estimating Food Chain Doses Under Post-Accident Conditions, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. Emergency plan required notifications will continue to be completed using AD-EP-ALL-0304, State and County Notifications. The primary procedure to determine offsite dose is Fleet procedure AD-EP-ALL-0202, EMERGENCY RESPONSE OFFSITE DOSE ASSESSMENT. HP/0/B/1009/021 does not implement any sections of the McGuire Emergency Plan.

Change 14, HP/0/B/1009/022 - Accident and Emergency Response, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. The primary procedures for implementing the McGuire Emergency Plan at the site are AD-EP-ALL-0105, ACTIVATION AND OPERATION OF THE TECHNICAL SUPPORT CENTER, and AD-EP-ALL-0106, ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER. HP/0/B/1009/022 does not specifically implement any sections of the McGuire Emergency Plan.

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Change 15, HP/0/B1009/024 - Personnel Monitoring for Emergency Conditions, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. The primary procedure for implementing the McGuire Emergency Plan is AD-EP-ALL-0112, ONSITE PROTECTIVE MEASURES, which provides guidance for contamination surveys and decontamination, as necessary. HP/0/B/1009/024 does not implement any sections of the McGuire Emergency Plan.

Change 16, RP/0/A/5700/005 - Care and Transportation of Injured Individual(s) from Site to Offsite Medical Facility, is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. RP/0/A/5700/005 partially implements Section L of the McGuire Emergency Plan.

Change 17, AP/0/A/5500/047 - Security Events (Proprietary Info), is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides guidance for responding to Security events that may require implementation of the McGuire Emergency Plan. AP/0/A/5500/047 partially implements Sections D and J of the McGuire Emergency Plan.

Change 18, PT/0/A/4600/089 - Monthly Test of ERO Communications Equipment and Supplies, is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides guidance for testing and maintaining ERO communication equipment and supplies. PT/0/A/4600/089 partially implements Sections F and H of the McGuire Emergency Plan.

Change 19, PT/0/A/4600/091 - Periodic test of Technical Support Center Communications and Supplies, is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides guidance for testing and maintaining TSC communication equipment and supplies. PT/0/A/4600/091 partially implements Sections F and H of the McGuire Emergency Plan.

Change 20 removes note that is not needed. Updating procedure format to align with PAS formatting added "Section" to each of the plan sections thus eliminating need to have a note stating letters refer to sub sections of plan. This change does not change intent of the Emergency Plan.

The proposed changes do not affect any planning standards as responsibilities for plan development and review and for distribution of emergency plans continue to be established and planners continue to be properly trained. These changes continue to meet NRC requirements, as described in 10 CFR 50.47(b)(16) and 10 CFR 50, Appendix E.

Section XI: Description of Impact of the Proposed Change on the Effectiveness of Emergency Plan Functions
 Address each function identified in *Section IX*. Continue to *Section XII*.

Proposed change 5 revises the discussion on MNS's Alternate TSC. This changes "has been established in the McGuire Administrative Building." to "has been designated in the McGuire Administration Building." The MNS Alternate TSC is not continually set up in the McGuire Administration Building and is set up (established) when the normal TSC is not available. Procedure guidance for setting up the MNS Alternate TSC is maintained in site procedure AD-EP-MNS-0105 (MNS SITE SPECIFIC TSC SUPPORT). Also changes "Administrative Building" to "Administration Building" to correct building name.

Proposed changes 10-19 update procedure references in EP-MNS-EPLAN-ANNEX Table P.7-1, MNS Emergency Plan Response and Administrative Procedures.

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Change 10, HP/0/B/1009/002 – Alternative Method for Determining Dose Rate within the Reactor Building, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides a method for determining containment dose rate when plant emergency conditions exist and Containment High Range Radiation Monitors EMF 51A and EMF 51B are inoperable. EALs are implemented based on EMF 51A and EMF 51B thresholds or alternate indications as listed in EALs if inoperable. HP/0/B/1009/002 does not implement any sections of the McGuire Emergency Plan.

Change 11, HP/0/B/1009/006 - Procedure for Quantifying High Level Gaseous Radioactivity Release During Accident Conditions, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. The primary procedure to determine offsite dose is Fleet procedure AD-EP-ALL-0202, EMERGENCY RESPONSE OFFSITE DOSE ASSESSMENT. HP/0/B/1009/006 does not implement any sections of the McGuire Emergency Plan.

Change 12, HP/0/B/1009/010 - Releases of Liquid Radioactive Materials Exceeding Selected Licensee Commitments, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. McGuire Emergency plan will be implemented if liquid release exceeds EAL thresholds. Emergency plan required notifications will continue to be completed using AD-EP-ALL-0304, State and County Notifications. HP/0/B/1009/010 does not implement any sections of the McGuire Emergency Plan.

Change 13, HP/0/B/1009/021 - Estimating Food Chain Doses Under Post-Accident Conditions, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. Emergency plan required notifications will continue to be completed using AD-EP-ALL-0304, State and County Notifications. The primary procedure to determine offsite dose is Fleet procedure AD-EP-ALL-0202, EMERGENCY RESPONSE OFFSITE DOSE ASSESSMENT. HP/0/B/1009/021 does not implement any sections of the McGuire Emergency Plan.

Change 14, HP/0/B/1009/022 - Accident and Emergency Response, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. The primary procedures for implementing the McGuire Emergency Plan at the site are AD-EP-ALL-0105, ACTIVATION AND OPERATION OF THE TECHNICAL SUPPORT CENTER, and AD-EP-ALL-0106, ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER. HP/0/B/1009/022 does not specifically implement any sections of the McGuire Emergency Plan.

Change 15, HP/0/B/1009/024 - Personnel Monitoring for Emergency Conditions, is being removed from list of procedures used to implement various sections of the McGuire Emergency Plan. The primary procedure for implementing the McGuire Emergency Plan is AD-EP-ALL-0112, ONSITE PROTECTIVE MEASURES, which provides guidance for contamination surveys and decontamination, as necessary. HP/0/B/1009/024 does not implement any sections of the McGuire Emergency Plan.

Change 16, RP/0/A/5700/005 - Care and Transportation of Injured Individual(s) from Site to Offsite Medical Facility, is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. RP/0/A/5700/005 partially implements Section L of the McGuire Emergency Plan.

Change 17, AP/0/A/5500/047 - Security Events (Proprietary Info), is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides guidance for responding to Security events that may require implementation of the McGuire Emergency Plan. AP/0/A/5500/047 partially implements Sections D and J of the McGuire Emergency Plan.

Change 18, PT/0/A/4600/089 - Monthly Test of ERO Communications Equipment and Supplies, is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides guidance for testing and maintaining ERO communication equipment and supplies. PT/0/A/4600/089 partially implements Sections F and H of the McGuire Emergency Plan.

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Change 19, PT/0/A/4600/091 - Periodic test of Technical Support Center Communications and Supplies, is being added to the list of procedures used to implement various sections of the McGuire Emergency Plan. This procedure provides guidance for testing and maintaining TSC communication equipment and supplies. PT/0/A/4600/091 partially implements Sections F and H of the McGuire Emergency Plan.

Change 20 removes note that is not needed. Updating procedure format to align with PAS formatting added "Section" to each of the plan sections thus eliminating need to have a note stating letters refer to sub sections of plan. This change does not change intent of the Emergency Plan.

The proposed changes do not affect the emergency plan function of Emergency Plan Maintenance because, responsibility for emergency plan development and review continues to be established. The proposed changes maintain the effectiveness of the McGuire Nuclear Station Emergency Plan because responsibility for emergency plan development and review is established. These changes continue to provide assurance that the Emergency Response Organization has the ability and capability to:

- respond to an emergency;
- perform functions in a timely manner;
- effectively identify and take measures to ensure protection of the public health and safety; and
- effectively use response equipment and emergency response procedures.

These changes continue to meet NRC requirements, as described in 10 CFR 50.47(b) and 10 CFR 50, Appendix E as well as the requirements of the McGuire Nuclear Station Emergency Plan as written and approved.

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Section XII: Evaluation Conclusion	
Answer the following questions about the proposed change:	
1. Does the proposed change comply with 10 CFR 50.47(b) and 10 CFR 50 Appendix E?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. Does the proposed change maintain the effectiveness of the emergency plan (i.e., no reduction in effectiveness)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3. Does the proposed change maintain the current Emergency Action Level (EAL) scheme?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Section XII: Conclusion	
Questions 1, 2 and 3 are answered YES, complete step below to create CAS assignment EP03, and then continue on to Section XIV and implement change(s).	<input checked="" type="checkbox"/>
Complete CAS assignment EP03 - Licensing submit changes in accordance with 10 CFR 50.4(b)(5)(ii) within 30 days of change implementation	<input checked="" type="checkbox"/>
Questions 1 or 2 or 3 are answered NO, complete Sections XIII and Section XIV .	<input type="checkbox"/>

Section XIII: Disposition of Proposed Change Requiring Prior NRC Approval	
Will the proposed change be submitted to the NRC for prior approval?	Yes <input type="checkbox"/> No <input type="checkbox"/>
If No, reject the proposed change, or modify the proposed change and perform a new evaluation. Continue to Section XIV for this evaluation.	Yes <input type="checkbox"/> No <input type="checkbox"/>
If YES, then initiate a License Amendment Request in accordance 10 CFR 50.90, AD-LS-ALL-0002, Regulatory Correspondence, and AD-LS-ALL-0015, License Amendment Request and Changes to SLC, TRM, and TS Bases, and include the tracking number: _____ Complete Section XIV .	

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<i>Section XIV: Signatures:</i> EP CFAM Final Approval is required for changes affecting Program Element 4a of <i>Section VIII</i> . If CFAM approval is NOT required, then mark the EP CFAM signature block as not applicable (N/A) to indicate that signature is not required. <i>Section XIV</i> as applicable.		
Preparer Name (Print): Barry Kimray	Preparer Signature: See CAS	Date: See CAS
Reviewer Name (Print): Eric White	Reviewer Signature: See CAS	Date: See CAS
Approver Name (Print): Richard Morris	Approver Signature: See CAS	Date: See CAS
Approver (EP CFAM, as required) Name (Print): N/A	Approver Signature: N/A	Date: N/A

QA RECORD