

Catawba Nuclear Station
Emergency Plan Revision 19-02
Attachment 1
Emergency Plan 10CFR 50.54(q) Evaluation and screen



Duke Energy

ACTION REQUEST - 02258326

Action Request Notes

Action Request Routing/Return Comments

Routing Comments from the X601 Panel

*** No Routing Comments Found ***

Updated On

Updated By

Routing Comments from the X602 Panel

*** No Return Comments Found ***

Updated On

Updated By

Action Request Approval Review

Route List : 001

Route List Initiator :

<u>Passport</u>	<u>Fac</u>	<u>Group</u>	<u>Type</u>	<u>Send Date</u>	<u>Send Time</u>	<u>Action Taken</u>	<u>Action Date</u>	<u>Time</u>	<u>Last Name</u>
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Action Request Trend/Cause

Action Request Keywords

Keyword

Keyword Description

Action Request Reference Documents

<u>Facility</u>	<u>Doc Type</u>	<u>Sub Type</u>	<u>Document</u>	<u>Sheet</u>	<u>Rev</u>	<u>Minor Rev</u>	<u>Title</u>
CN	AR		02258326		000		CNS Emergency Plan Sections E, G, N, P

Action Request Reference Equipment

<u>Facility</u>	<u>Unit</u>	<u>System</u>	<u>Equip Type</u>	<u>Equip Number</u>	<u>Equip Tag</u>	<u>Equip Status</u>	<u>Rev</u>	<u>Rev Status</u>
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Action Request Cross References

Ref Type	Ref Nbr	Ref Sub	Ref Nbr Type	Status	Limit AR Cls	Description
AR	02239903		DRR	APPROVED	N	EPA E Rev 149
AR	02239916		DRR	APPROVED	N	EPA G Rev 162
AR	02247170		DRR	APPROVED	N	EPA N rev. 150
AR	02247174		DRR	APPROVED	N	EPA P rev 148
AR	02258318		5AD	COMP-NA	N	EPA Section e
AR	02258320		5AD	COMP-NA	N	E Plan Section G
AR	02258323		5AD	COMP-NA	N	EPA N - 0021005149 CNS EMERGENCY PLAN SECTION N - EXERCISES
AR	02258324		5AD	COMP-NA	N	EPA P - 0021005285 CNS EMERGENCY PLAN SECTION P -
AS	02187203	1900	GNRL	COMPLETE	N	EP Excellence Plan - Action SD-EP-4.2
AS	02194997	0200	PI	COMPLETE	N	Revise AD-EP-ALL-0602 to improve templates to focus on why a

Action Request Assignment Details

ASSIGNMENT NUMBER : 01 SUB :

Type	: EP01	Due Date	: 02/20/2019	Pri Resp Fac	:
Status	: COMPLETE	Reschedule	:	Pri Resp Group	:
Assigned To	: STACI N WHITE	Sec Resp Fac	:	Sec Resp Group	:
Subject	: 50.54(Q) SCREEN				
Aff Facility	: CN	Unit	:	System	:
UCR	:	Schedule Ref	:		
Organization	:	Department	: 13650	Discipline	:
Est Manhrs	:	Ext Comp Date	:		

Description

COMPLETE 50.54(Q) SCREEN IN ACCORDANCE WITH AD-EP-ALL-0602.

Action Request Assignment Completion Notes

I approve the 50.54Q screen for this E-plan change.



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ACTION REQUEST - 02258326

Action Request Assignment Status History

<u>Updated Date</u>	<u>Updated By</u>	<u>Assgn Status</u>	<u>Assgn Due Date</u>
02/19/2019	I44004	INPROG	
02/19/2019	I44004		02/20/2019
02/19/2019	I44004	NTFY/ASG	
02/19/2019	I44004	ACC/ASG	
02/19/2019	I44004	AWAIT/C	
02/19/2019	DMBRUNS	ACC/ASG	
02/19/2019	I44004	AWAIT/C	
02/19/2019	MEHARE	COMPLETE	

Action Request Assignment Attributes

Action Request Assignment Routing/Return Comments

Routing Comments from the X601 Panel
Editorial change to new position title.

Updated On : 20190219
Updated By : DMBRUNS

Routing Comments from the X602 Panel
*** No Return Comments Found ***

Updated On :
Updated By :

Action Request Assignment Completion Approval

Route List : 001

Route List Initiator : I44004

<u>Passport</u>	<u>Fac</u>	<u>Group</u>	<u>Type</u>	<u>Send Date</u>	<u>Send Time</u>	<u>Action Taken</u>	<u>Action Date</u>	<u>Time</u>	<u>Last Name</u>
DMBRUNS			A	02/19/2019	09:25	RETURNED	02/19/2019	13:37	BRUNSON
MEHARE			A	02/19/2019	14:21	APPROVED	02/19/2019	16:02	HARE
DMBRUNS			A	02/19/2019	13:40	APPROVED	02/19/2019	14:21	BRUNSON

Action Request Assignment Cause/Action



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ACTION REQUEST - 02258326

Action Request Assignment Reference Documents

<u>Facility</u>	<u>Doc Type</u>	<u>Sub Type</u>	<u>Document</u>	<u>Sheet</u>	<u>Rev</u>	<u>Minor Rev</u>	<u>Title</u>
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Action Request Assignment Reference Equipment

<u>Facility</u>	<u>Unit</u>	<u>System</u>	<u>Equip Type</u>	<u>Equip Number</u>	<u>Equip Tag</u>	<u>Equip Status</u>	<u>Rev</u>	<u>Status</u>
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Action Request Assignment Cross References

<u>Ref Type</u>	<u>Ref Nbr</u>	<u>Ref Sub</u>	<u>Ref Type</u>	<u>Ref Nbr</u>	<u>Status</u>	<u>Limit AS Cls</u>	<u>Description</u>
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Action Request Assignment Appendices

APPENDIX 1

<< 10 CFR 50.54(q) Screening Evaluation Form >>

Screening and Evaluation Number	Applicable Sites			
EREG #: 02258326	BNP	<input type="checkbox"/>		
	CNS	<input checked="" type="checkbox"/>		
	CR3	<input type="checkbox"/>		
	HNP	<input type="checkbox"/>		
5AD #: 02258318 (Section E) 02258320 (Section G) 02258323 (Section N) 02258324 (Section P)	MNS	<input type="checkbox"/>		
	ONS	<input type="checkbox"/>		
	RNP	<input type="checkbox"/>		
	GO	<input type="checkbox"/>		
Document and Revision Emergency Plan Section E, Rev 149 (PRR 02239903) Emergency Plan Section G, Rev 162 (PRR 02239916) Emergency Plan Section N, Rev 150 (PRR 02247170) Emergency Plan Section P, Rev 148 (PRR 02247174)				
Part I. Description of Activity 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): Change all instances of "Emergency Planning Manager" or "Emergency Preparedness Manager" to "Manager, Nuclear Support Services."				
Part II. Activity Previously Reviewed? Is this activity Fully bounded by an NRC approved 10 CFR 50.90 submittal or Alert and Notification System Design Report? If yes, identify bounding source document number or approval reference and ensure the basis for concluding the source document fully bounds the proposed change is documented below: Justification:		Yes <input type="checkbox"/>	No <input type="checkbox"/>	X <input type="checkbox"/>
		10 CFR 50.54(q) Effectiveness Evaluation is not required. Enter justification below and complete Attachment 4, Part V.	Continue to Attachment 4, 10 CFR 50.54(q) Screening Evaluation Form, Part III	
Bounding document attached (optional)				<input type="checkbox"/>

<< 10 CFR 50.54(q) Screening Evaluation Form >>

		Yes	X	No	<input type="checkbox"/>
Part III. Editorial Change Is this activity an editorial or typographical change only, such as formatting, paragraph numbering, spelling, or punctuation that does not change intent? Justification: This is an editorial change per AD-EP-ALL-0602, section 3.0.6.d: "Correct titles of plant organizations, position titles or department/section/unit names where no change in the authority, responsibility, or reporting relationships." Due to Duke Energy reorganization, the Emergency Planning/Preparedness Manager is now the Manager, Nuclear Support Services. The position is responsible for Emergency Preparedness, as delegated from the Site Vice President.		10 CFR 50.54(q) Effectiveness Evaluation is not required. Enter justification and complete Attachment 4, Part V.		Continue to Attachment 4, Part IV and address non editorial changes	
Part IV. Emergency Planning Element and Function Screen (Reference Attachment 1, Considerations for Addressing Screening Criteria) Does this activity involve any of the following, including program elements from NUREG-0654/FEMA REP-1 Section II? If answer is yes, then check 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 onshift emergency response responsibilities are staffed and assigned				<input type="checkbox"/>
2b	The process for timely augmentation of onshift staff is established and maintained.				<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. (NA for CR3)				<input type="checkbox"/>
4	10 CFR 50.47(b)(4) Emergency Classification System				
4a	A standard scheme of emergency classification and action levels is in use. (Requires final approval of Screen and Evaluation by EP CFAM.)				<input type="checkbox"/>
5	10 CFR 50.47(b)(5) Notification Methods and Procedures				
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"/>

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5b	Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway. (NA for CR3)	<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. (NA for CR3)	<input type="checkbox"/>

<< 10 CFR 50.54(q) Screening Evaluation Form >>

Part IV. Emergency Planning Element and Function Screen (cont.)		
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). (NA for CR3)	<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	
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	
10a	A range of public PARs is available for implementation during emergencies. (NA for CR3)	<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. (NA for CR3)	<input type="checkbox"/>
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"/>

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Part IV. Emergency Planning Element and Function Screen (cont.)	
16	10 CFR 50.47(b)(16) Emergency Plan Maintenance
16a	Responsibility for emergency plan development and review is established. <input type="checkbox"/>
16b	Planners responsible for emergency plan development and maintenance are properly trained. <input type="checkbox"/>
PART IV. Conclusion	
If no Part IV criteria are checked, then provide Justification and complete Part V below.	
Justification: <input type="checkbox"/>	
If any Attachment 4, 10 CFR 50.54(q) Screening Evaluation Form, Part IV criteria are checked, then complete Attachment 4, 10 CFR 50.54(q) Screening Evaluation Form, Part V and perform a 10 CFR 50.54(q) Effectiveness Evaluation. Program Element 4a requires final approval of Screen and Evaluation by EP CFAM. <input type="checkbox"/>	

Part V. Signatures:		
EP CFAM Final Approval is required for changes affecting Program Element 4a. 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.		
Preparer Name (Print): Staci White	Preparer Signature: See CAS	Date: See CAS
Reviewer Name (Print): See CAS	Reviewer Signature: See CAS	Date: See CAS
Approver (EP Manager Name (Print): See CAS	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

*****END OF REPORT*****