

Duke Power Company  
Catawba Nuclear Generation Department  
4800 Concord Road  
York, SC 29745

WILLIAM R. McCOLLUM, JR.  
Vice President  
(803)831-3200 Office  
(803)831-3426 Fax



**DUKE POWER**

September 16, 1996

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: Catawba Nuclear Station  
Docket Nos.: 50-413 and 50-414  
Emergency Plan, Revision 96-3

Dear Sir:

Enclosed for NRC staff use and review is Revision 96-3 to the Catawba Nuclear Station Emergency Plan. This revision is effective on the date of approval.

This revision is being submitted in accordance with 10CFR50.54(q) and does not decrease the effectiveness of the Emergency Plan. A summary of the changes and bases for this determination is provided as Attachment 1. All changes have been specifically highlighted (side-barred) to facilitate review.

Two copies of this letter are being provided to the NRC Region II Regional Administrator.

Sincerely,

W. R. McCollum, Jr.  
Vice President

- Attachments:
- 1 - Change Summary
  - 2 - Emergency Plan Revision 96-3 - 10CFR50.54(q) Evaluation
  - 3 - EP Group Manual Guideline 5.1.3 - 10CFR50.54(q) Evaluation
  - 4 - Plan Update Instructions
  - 5 - Plan Changes

9609250015 960916  
PDR ADDCK 05000413  
F PDR

240037

1/1  
A045

U. S. Nuclear Regulatory Commission  
September 16, 1996  
Page Two

xc: w/2 copies of attachment

Mr. Stewart D. Ebnetter,  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

w/o attachment

NRC Resident Inspector  
Catawba Nuclear Station

Saluda River Electric Corporation  
P. O. Box 929  
Laurens, SC 29630

North Carolina Municipal Power Agency No. 1  
P. O. Box 29513  
Raleigh, NC 27626-0513

NC Electric Membership Corporation  
3333 North Blvd.  
P. O. Box 27306  
Raleigh, NC 27611

Piedmont Municipal Power Agency  
121 Village Drive  
Greer, SC 29651

S. R. Christopher  
Electronic Licensing Library (EC050)  
CN-750.25

**Catawba Nuclear Station Emergency Plan Revision 96-3 is being submitted in accordance with 10CFR50.54(q) and does not decrease the effectiveness of the Catawba Nuclear Station Emergency Plan. The Catawba Nuclear Station Emergency Plan as revised will continue to meet the standards of 10CFR50.47(b) and the requirements of 10CFR50 Appendix E. The bases for this determination are in Attachments 2 and 3 and as follows:**

### Table Of Contents

1. Page 1, Section B.8  
Replace "Contractor and Private Government Organizations" with "Contractor, Private and Government Organizations" in B.8 title. Section B.8 discusses government as well as contractor and private organizations; therefore, the title was changed to match the contents of Section B.8.
2. Page 2, Section D.2 Page Number  
Revised Section D.2 page number from "D-2" to "D-3". This page number change is due to reformatting for this revision.. This change reflects the current page numbers for this section.
3. Page 2, Section E  
Revised Section E.2.d page number from "E-6" to "E-5".  
Revised Sections E.3, E.4, E.5 and E.6 page numbers from "E-8" to "E-7".  
Revised Section E.7 page number from "E-9" to "E-8". The page number changes were implemented in a previous revision and were not reflected in the Table of Contents. This change reflects the current page numbers for these sections.
4. Page 2, Sections F.2 and F.3 Page Number  
Revised Sections F.2 and F.3 page number from "F-2" to "F-3". The page number changes were implemented in a previous revision and were not reflected in the Table of Contents. This change reflects the current page number for these sections.
5. Page 2, Section F, Section F.1.f Title  
Replaced "EOC" with "EOF" in Section F.1.f title. This change reflects the current title for this section.
6. Pages 2 and 3, Section G, Sections G.3.a, G.3.b and G.6 Titles  
Replaced "News Group" with "Communications and Community Relations" in Sections G.3.a, G.3.b and G.6 titles. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.

7. Page 4, Sections J.10.d and J.10.e Page Numbers  
Revised Sections J.10.d and J.10.e page numbers from "J-4" to "J-5".  
These page number changes were implemented in a previous revision and were not reflected in the Table of Contents. This change reflects the current page number for these sections.
8. Page 4, Section K Page Numbers  
Revised Sections K.2, K.3, K.3.a and K.3.b page number from "K-4" to "K-1".  
Revised Sections K.4, K.5, K.5.a and K.5.b page numbers from "K-4" to "K-2".  
Revised Sections K.6, K.6.a, K.6.b, K.6.c, and K.7 page numbers from "K-5" to "K-2".  
Revised Section K page numbers. The page number changes were implemented in a previous revision and were not reflected in the Table of Contents. This change reflects the current page numbers for these sections.
9. Page 4, Section L.4 Page Number  
Revised Section L.4 page number from "L-1" to "L-2". This page number change is due to reformatting for this revision.. This change reflects the current page numbers for this section.
10. Page 5, Section M.3 Page Number  
Revised Section M.3 page number from "M-3" to "M-4". This page number change is due to reformatting for this revision.. This change reflects the current page numbers for this section.
11. Page 5, Section O, Section Titles  
Replace "(Off-Site Agency)" with "(Off-Site Support Agencies)" in section O.1.a title.  
Replace "Off-site Support Agency - Participation in Training" with "Emergency Response Training (State and Local Emergency Planning Officials)" in Section O.1.b title. The title changes were implemented in a previous revision and were not reflected in the Table of Contents. This change reflects the current titles for these sections.
12. Page 5, Section Q, Title  
Add "Appendix" before "Index" in Appendices title. The title change was implemented in a previous revision and was not reflected in the Table of Contents. This change reflects the current title for this section.



**LIST OF FIGURES, TABLES, ATTACHMENTS**

1. Page 6, Figure B-1 Title  
Add "For Emergencies" to the end of Figure B-1 title. The title change was implemented in a previous revision and was not reflected in the List, of Figures, Tables, Attachments. This change reflects the current title for this figure.
2. Page 6, Figure B-2 Title  
Replace "Station" with "Site" in Figure B-2 title. This change reflects the current title for this figure.
3. Page 6, Figure G-2 Title  
Replace "News Group" with "Communications and Community Relations" and "Organization" with "Organizational" in Figure G-2 title. The name of the News Group has been changed to Communications and Community Relations (CCR). These changes reflect the current title of this figure.
4. Page 6, Figures H-1 and H-2 Titles  
Replace "Station" with "Site" in Figures H-1 and H-2 titles. The title changes were implemented in a previous revision and were not reflected in the List, of Figures, Tables, Attachments. This change reflects the current titles for these figures.
5. Page 7, Figure H-6 Title  
Add "Duke Power Company" before "Media Center" in Figure H-6 Title. The title change was implemented in a previous revision and was not reflected in the List, of Figures, Tables, Attachments. This change reflects the current title for this figure.
6. Page 7, Figure H-7 Title  
Replace "for CNS/MNS" with "(JIC)" in Figure H-7 Title. The title change was implemented in a previous revision and was not reflected in the List, of Figures, Tables, Attachments. This change reflects the current title for this figure.
7. Page 7, Figure J-3 Title  
Replace "Summary of Evacuation Times" with "Catawba EPZ Evacuation Time Estimate Summary" in Figure J-3 Title. The title change was implemented in a previous revision and was not reflected in the List, of Figures, Tables, Attachments. This change reflects the current title for this figure.

8. Page 7, Figure J-4 Title  
Add "Leading Out Of The Catawba EPZ" after "Evacuation Routes" in Figure J-4 Title. The title change was implemented in a previous revision and was not reflected in the List, of Figures, Tables, Attachments. This change reflects the current title for this figure.
9. Page 7, Figure K-1 Title  
Replace "Emergency Workers" with "Emergency Worker Exposure Limits" in Figure K-1 Title. The title change was implemented in a previous revision and was not reflected in the List, of Figures, Tables, Attachments. This change reflects the current title for this figure.
10. Page 7, Figures O-1 and O-2  
Delete Figures O-1 and O-2 titles. The deletion of this information is discussed as a part of the Section O revisions.

## **INTRODUCTION**

No changes.

## **SECTION A - ASSIGNMENT OF RESPONSIBILITY**

1. Page A-2, Private Sector  
Replace "K-MAC" with "Bartlett" in the example of "Various Vendors". K-MAC has been replaced by Bartlett as a vendor at Catawba Nuclear Site.

## **SECTION B - SITE EMERGENCY ORGANIZATION**

1. Page B-2, Section B.5  
Replace "Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in the first and last sentences of Section B.5. The EP Group Manual Guideline has replaced Site Directive 3.8.4 as an EPIP. The replacement of Site Directive 3.8.4 with EP Group Manual Guideline 5.1.3 is discussed as apart of the Section P changes.
2. Page B-2, Section B.7  
Replace "Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in the second sentence of the first paragraph of Section B.7. The EP Group Manual Guideline has replaced Site Directive 3.8.4 as an EPIP. The replacement of Site Directive 3.8.4 with EP Group Manual Guideline 5.1.3 is discussed as a part of the Section P changes.

Catawba Nuclear Station  
Emergency Plan Revision 96-3  
Attachment 1

3. Page B-2, Section B.7  
Replace "News Group" with "Communications and Community Relations" in the third sentence of the first paragraph of Section B.7. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
4. Page B-2, Section B.8, Title  
Replace "Contractor and Private Government Organizations" with "Contractor, Private and Government Organizations" in Section B.8 title. Section B.8 discusses government as well as contractor and private organizations; therefore, the title was changed to match the contents of Section B.8.
5. Page B-3, Contractor Private Organizations  
Replace "News Group" with "Communications and Community Relations" in the first sentence on Page B-3. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
6. Page B-3, Nuclear Regulatory Commission  
Replace "Director of Region II" with "Region II Regional Administrator/Designee" in the second sentence under Nuclear Regulatory Commission. This change reflects the current title of this position.
7. Page B-3, Nuclear Regulatory Commission  
Rewrite the last sentence on Page B-3 to read, "A work space and telephone has been provided in the EOF for this NRC representative." This change provides a gender neutral statement.
8. Page B-9, Figure B-2, Title  
Replace "Station" with "Site" in the title of Figure B-2 on page B-9. This change reflects the current title of the plant.
9. Page B-9, Figure B-2, Organization Chart  
Replace "News Group" with "Communications and Community Relations" in the appropriate organizational block. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
10. Page B-9, Figure B-2, Organization Chart  
Delete the Security organization block from the OSC Organization and add "/Security" to the Human Resources Mgr. organization block in the TSC Organization. This change reflects the current TSC/OSC organizations.

11. Page B-11, Figure B-4, S.C. Block  
Replace "S.C. Warning Point (SEOC - Columbia)" with "S.C. State Government (Columbia)" in the S.C. block in Figure B-4. This change reflects the staffing of the state EOC on a twenty four hour basis and provides consistency between the Emergency Plan description of county and state governments in Figure B-4.
12. Page B-11, Figure B-4, N.C. Block  
Replace "Warning Point (Hwy. Patrol - Raleigh)" with "N.C. State Government (Raleigh)" in the N.C. block in Figure B-4. This change reflects the staffing of the state EOC on a twenty four hour basis and provides consistency between the Emergency Plan description of county and state governments in Figure B-4.

### **SECTION C - EMERGENCY RESPONSE SUPPORT AND RESOURCES**

1. Page C-1, Section C.2.b  
Replace "News Group" with "Communications and Community Relations" in the last sentence of Section C.2.b. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.

### **SECTION D - EMERGENCY CLASSIFICATION SYSTEM**

1. Page D-9, Basis Section, Fourth Line  
Replace "locally" with "by local transmitters" in the fourth line of the Basis section on Page D-9. This change better describes the method used to locally close the relief valve.
2. Page D-10, Basis Section, Eleventh Line  
Add "(normally from the Control Room by remote controlled valves)" after the word "isolate" in the eleventh line of the Basis section on Page D-10. This change better describes the method used to isolate a leak within 15 minutes.
3. Page D-54, EAL Section  
Replace "has increased by" with "reading" in the EAL portion of this Technical Basis. This change reflects the wording and intent of the technical basis. Each EPZ state and county has reviewed and accepted in writing this change to the EAL. This change has also been discussed and agreed upon with NRC Region II personnel.

4. Page D-57, Basis Section, Fifth Sentence  
Bold "an actual plant transient must take place for classification under this EAL." in the fifth sentence of the Basis section on Page D-57. This addition of bold face print aids the reader in determining that a plant transient must occur for this EAL to apply.
5. Page D-77, Basis  
Underline a portion of the basis section on Page D-77. There were no changes made to the basis other than to underline a portion of the basis to provide emphasis on the underlined portion of the basis.
6. Page D-77, Reference 1  
Replace "Site Directives 2.12.1, 2.12.2 and 2.12.7" with "Site Directive 2.12.7 and Nuclear System Directive 112" in Reference 1 on Page D-77. This change reflects the incorporation of the information contained in Site Directives 2.12.1 and 2.12.2 into Nuclear System Directive 112.
7. Page D-80, Title  
Add "Initiating" before "Conditions and Emergency Action Levels" in the title at the top of Page D-80. This change corrects a typographical error and is consistent with the title at the top of the remaining Figure D-1 pages.
8. Page D-80, Reference 1 (Two Locations)  
Replace "Site Directives 2.12.1, 2.12.2 and 2.12.7" with "Site Directive 2.12.7 and Nuclear System Directive 112" in Reference 1 on Page D-80 (two locations). This change reflects the incorporation of the information contained in Site Directives 2.12.1 and 2.12.2 into Nuclear System Directive 112. This change also corrects the typographical error associated with Site Directive 2.12.7.
9. Page D-83, Reference 1 (Two Locations)  
Replace "Site Directives 2.12.1, 2.12.2 and 2.12.7" with "Site Directive 2.12.7 and Nuclear System Directive 112" in Reference 1 on Page D-83 (two locations). This change reflects the incorporation of the information contained in Site Directives 2.12.1 and 2.12.2 into Nuclear System Directive 112. This change also corrects the typographical error associated with Site Directive 2.12.7.



10. Page D-84, Reference 1  
Replace "Site Directives 2.12.1, 2.12.2 and 12.2.7" with "Site Directive 2.12.7 and Nuclear System Directive 112" in Reference 1 on Page D-83. This change reflects the incorporation of the information contained in Site Directives 2.12.1 and 2.12.2 into Nuclear System Directive 112. This change also corrects the typographical error associated with Site Directive 2.12.7.
11. Page D-96, Basis for both EALs on Page D-96  
Delete the sentences referring to 60 mph as the maximum capability of the wind speed indicators. A recently completed modification increased the maximum capability of the wind speed indicators to 90 mph.
12. Page D-101, Initiating Condition  
Replace "ONE" with "OBE" in the Initiating Condition on Page D-101. This change corrects a typographical error from a previous revision.
13. Page D-106, NUREG 0654 Reference, First Sentence  
Replace "is" with "in" in the first sentence of the NUREG 0654 Reference on Page D-106. This change corrects a typographical error from a previous revision.
14. Page D-108, Basis  
Delete the sentence referring to 60 mph as the maximum capability of the wind speed indicators. A recently completed modification increased the maximum capability of the wind speed indicators to 90 mph.

#### **SECTION E - NOTIFICATION METHODOLOGY**

1. Page E-3, Fourth Paragraph  
Replace "Catawba Nuclear Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in fourth paragraph on Page E-3. The EP Group Manual Guideline has replaced Catawba Nuclear Site Directive 3.8.4 as an EPIP. The replacement of Site Directive 3.8.4 with EP Group Manual Guideline 5.1.3 is discussed as a part of the Section P changes.
2. Page E-4, Ninth Paragraph  
Replace "Catawba Nuclear Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in ninth paragraph on Page E-4. The EP Group Manual Guideline has replaced Catawba Nuclear Site Directive 3.8.4 as an EPIP. The replacement of Site Directive 3.8.4 with EP Group Manual Guideline 5.1.3 is discussed as a part of the Section P changes.



3. Page E-6, Sixth Paragraph  
Replace "Catawba Nuclear Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in sixth paragraph on Page E-6. The EP Group Manual Guideline has replaced Catawba Nuclear Site Directive 3.8.4 as an EPIP. The replacement of Site Directive 3.8.4 with EP Group Manual Guideline 5.1.3 is discussed as a part of the Section P changes.
4. Page E-7, Second Paragraph  
Replace "EBS" with "EAS" in the second paragraph on Page E-7. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.
5. Page E-8, First Partial Sentence and Section E.7 First Paragraph  
Replace "Broadcast" with "Alert" in the first partial sentence and in the first paragraph of Section E.7 on Page E-8. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.
6. Page E-8, First Partial Sentence, Fourth Paragraph, Section E.7 First Paragraph and Section E.7 Second Paragraph  
Replace "EBS" with "EAS" in the first partial sentence, in the fourth paragraph, in Section E.7 first paragraph and in Section E.7 second paragraph on Page E-8. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.

## **SECTION F - EMERGENCY COMMUNICATIONS**

No changes.

## **SECTION G - PUBLIC INFORMATION AND INFORMATION**

1. Page G-1, Section G.2, Second Paragraph, Second Sentence  
Replace "News Group" with "Communications and Community Relations" in the second paragraph, second sentence of Section G.2. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
2. Page G-1, Section G.3.a Title  
Replace "News Group" with "Communications and Community Relations" in the title of Section G.3.a. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.

3. Page G-2, Section G.3.b Title, Section G.3.b First, Second and Third Paragraphs  
Replace "News Group" with "Communications and Community Relations" or "CCR" in the title of Section G.3.b and in the first, second and third paragraphs of Section G.3.b on Page G-2. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
4. Page G-3, Second Paragraph, Third Paragraph, News, Director Description and State/County PIO Liaison Description  
Replace "News Group" with "CCR" in the second and third paragraphs and in the News Director description on Page G-3. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
5. Page G-3, Public Spokesperson Position  
Add "or Visitors Center" after "(EOF)" in the last sentence of the Public Spokesperson description on Page G-3. This change reflects the possibility that the Public Spokesperson may choose to establish a near site media center at the Visitors Center as opposed to being located at the EOF.
6. Page G-4, TSCL, TB-State/County EOC and TB-Community Relations Descriptions  
Replace "News Group" with "CCR" in the TSCL, TB-State/County EOC and TB-Community Relations descriptions on Page G-4. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
7. Page G-5, JA and ST Descriptions  
Replace "News Group" with "CCR" in the JA and ST descriptions on Page G-5. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
8. Page G-5, MM Description  
Replace "EBS" with "EAS" in the MM description on Page G-5. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.
9. Page G-5, Section G.4.c, Second Paragraph  
Replace "News Group" with "CCR" in the second paragraph of Section G.4.c on Page G-5. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.

10. Page G-6, First Paragraph, First and Second Sentences  
Replace "News Group" with "CCR" in the first paragraph, first and second sentences on Page G-6. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
11. Page G-6, Third and Fourth Paragraphs  
Replace "News Group" with "CCR Emergency Response" in the third and fourth paragraphs on Page G-6. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name and response plan name.
12. Page G-6, Section G.6 Title and Last Sentence  
Replace "News Group" with "CCR" in the title and last sentence of Section G.6 on Page G-6. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
13. Page G-8, Figure G-2 Title  
Replace "News Group" with "Communications and Community Relations" in Figure G-2 title on Page G-8. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.

## **SECTION H - EMERGENCY FACILITIES AND EQUIPMENT**

1. Page H-1, Section H.1.b, First Paragraph  
Replace "Catawba Nuclear Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in the first paragraph of Section H.1.b on Page H-1. The EP Group Manual Guideline has replaced Catawba Nuclear Site Directive 3.8.4 as an EPIP. The replacement of Site Directive 3.8.4 with EP Group Manual Guideline 5.1.3 is discussed as a part of the Section P changes.
2. Page H-2, Section H-2, Fourth Paragraph, Second Sentence  
Replace "News Group" with "CCR" in the second sentence of the fourth paragraph of Section H.2 on Page H-2. The name of the News Group has been changed to Communications and Community Relations (CCR). This change reflects the current group name.
3. Page H-3, Section H.4  
Add "EOF" to the listing of emergency centers that are activated. The EOF is activated by appropriate Emergency Response Procedures and is also activated for Alert and above emergency conditions. This change adds the EOF which was not included in previous revisions.

4. Page H-4, First Paragraph  
Replace "(40m)" with "(60m)" in the first and last sentences of the first paragraph on Page H-4. A new meteorological tower was installed at the Catawba Nuclear Site under the modification program. This change reflects the new meteorological tower instrument elevations.
5. Page H-4, Section 2., Wind Direction and Wind Speed Recorder, (a)  
Replace "Recorder Accuracy" with "Recorder Time Accuracy". This change reflects the accurate name of the field check being performed.
6. Page H-6, Section H.12, Sixth Line  
Replace "Coordinator's" with "Manager's" in the sixth line of Section H.12 on Page H-6. This change reflects the current title for this position.
7. Page H-14, Figure H-8  
Remove the reference to the McGuire Met System and replace "VAX System" with "ERDS" in the appropriate box. The McGuire Nuclear Site Met System is discussed in the McGuire Nuclear Station Emergency Plan. This change removes any reference to the McGuire Met System in the Catawba Nuclear Station Emergency Plan. This change also reflects the use of ERDS to electronically transmit information to the NRC, the VAX computer system is no longer used at Catawba Nuclear Site.

#### **SECTION I - ACCIDENT ASSESSMENT**

1. Page I-2, Section I.5, Third Line  
Remove "and the VAX Computer System" from the third line of Section I.5 on Page I-2. The VAX Computer System is no longer used to transmit meteorological information.

#### **SECTION J - PROTECTIVE RESPONSE**

1. Page J-1, Section J.1a-d  
Delete "Site Directive 3.0.7, Site Assembly/Evacuation and" from Section J.1.a-d on Page J-1. This site directive is being deleted as an EPIP. The deletion of this site directive is discussed as a part of the Section P changes.
2. Page J-1, Section J.2, Fourth Sentence  
Replace "Transmission Line Maintenance Warehouse" with "Power Delivery, Rock Hill Office" in the fourth sentence of Section J.2 on Page J-1. This change reflects the current description of the facility.

3. Page J-1, Section J.2, Fifth Sentence  
Delete "of a" from the fifth sentence of Section J.2 on Page J-1. This change corrects a typographical error.
4. Page J-1, Section J.2, Last Sentence  
Replace "(FSAR Table 2.2.2-1)" with "(FSAR Section 2.2.2.1)". This change reflects the current location of the referenced traffic density information.
5. Page J-2, Section J.5, Last Sentence  
Replace "Catawba Site Directive 3.0.7" with "RP/0/A/5000/10". This change reflects the deletion of Catawba Site Directive 3.0.7 as an EPIP. This deletion is discussed in the Section P description of changes.
6. Page J-2, Section J.6, Third Paragraph, Third Bullet  
Replace "Catawba Nuclear Site Directive 2.5.2" with "EP Group Manual Guideline 5.4.1" in the third bullet of the third paragraph of Section J-6 on Page J-2. The ERO Training Matrix was relocated from the site directive to the EP Group Manual Guideline. The relocation of this information to the EP Group Manual provides the Emergency Planning Group more control over the ERO training program.
7. Page J-4, Section J.9  
Add the reference to the Standard Operating Procedure (SOP) for early notification and evacuation of Carowinds amusement park. This discussion was added to identify where the plans for early notification and evacuation of Carowinds are located and the responsible lead planning agency for implementation and maintenance of these plans.
8. Page J-4, Section J.10.c, Second Partial Sentence  
Replace "Broadcast" with "Alert" in the second sentence of Section J.10.c on Page J-4. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.
9. Page J-5  
There are no revisions associated with Page J-5. This page was included due to over run from revisions to previous pages.
10. Page J-7, Figure J-2, Large Fission Product Decision Block  
Replace "Pg. 3 of 3" with "Pg. 2 of 3" in the Large Fission Product decision block in Figure J-2 on Page J-7. This change reflects the current page number of the referenced information and corrects a typographical error.



## **SECTION K - RADIOLOGICAL EXPOSURE CONTROL**

No changes.

## **SECTION L - MEDICAL AND PUBLIC HEALTH SUPPORT**

1. Page L-1, Section L.2, First Paragraph, Third Sentence  
Delete "near the Radiation Protection Office area," from the third sentence of the first paragraph of Section L.2 on Page L-1. Radiation Protection has been relocated to a different office area. This change reflects this relocation.
2. Page L-2, Second Paragraph, Second Sentence  
Replace "will" with "may" in the second line on Page L-2. New agreements with Piedmont Medical Center and Clover Rescue Squad (refer to Agreement Letters No. 1 and No. 10) do not require that a Radiation Protection person accompany the victim to the hospital. Rescue Squad personnel and hospital employees have been trained to prevent further spread of contamination. This change reflects the Catawba Nuclear Site agreement with Piedmont Medical Center and Clover Rescue Squad.

## **SECTION M - RECOVERY AND REENTRY PLANNING AND POST ACCIDENT OPERATIONS**

1. Page M-1, Section M.1, First Paragraph  
Add the sentence discussing procedure RP/O/B/5000/25 to the first paragraph of Section M.1 on Page M-6. This sentence was added to refer the reader to the appropriate emergency response procedure concerning recovery and reentry.
2. Page M-2  
There are no revisions associated with Page M-2. This page was included due to over run from revisions to previous pages.
3. Page M-3, Section M.2  
Replace "Radiological Assessment Coordinator" with "Radiological Assessment Manager" in Section M.2 on Page M-3. This change reflects the current title of this position.
4. Page M-4, Section M.4 and Page M-5, Figure M-1  
Replace "Radiological Assessment Coordinator" with "Radiological Assessment Manager" in Section M.4 on Page M-4 and in Figure M-1 on Page M-5. This change reflects the current title of this position.



5. Page M-6, Figure M-2, Fifth Bullet  
Delete "(See attachment)" from the last line of the fifth bullet. There is no attachment associated with Figure M-2. This changes is considered to be editorial.

## **SECTION N - EXERCISES AND DRILLS**

1. Page N-1, Section N.1.a, First Paragraph First Sentence  
Revise the first sentence of the first paragraph of Section N.1.a on Page N-1 to read, "Catawba Nuclear Station will conduct emergency exercises in accordance with the requirements of 10CFR50 Appendix E." This change reflects the revision to 10CFR50 Appendix E that was effective on July 16, 1996.
2. Page N-1, Section N.1.a, Second Paragraph  
Revise the second paragraph of Section N.1.a to Page N-1 to read as follows:

"The Emergency Operations Facility will participate in all exercises involving full participation by the affected state or local governments."

The Catawba Nuclear Site currently has an exemption in its Facility Operating License that only requires EOF participation in one Duke Power Company Exercise per year. This exemption was requested when the EOF was staffed by the Corporate Offices and the same personnel participated in all Duke Power Company nuclear plant exercises. The EOF is now mostly staffed by Catawba Nuclear Site personnel. It is expected and required that the Catawba Nuclear Site personnel staff the EOF anytime Catawba is involved in a "full scale" exercise. A request to remove the exemption from the Facility Operating License will be submitted to the NRC under a separate cover. This change reflects the current Catawba Emergency Response Organization exercise response expectations and requirements.

3. Page N-1, Section N.1.b  
Replace "year to year" with "exercise to exercise" in the second sentence of Section N.1.b on Page N-1. This change reflects the revision to 10CFR50 Appendix E that was effective on July 16, 1996.

4. Page N-2, Section N.2.b  
Replace "Catawba Site Directive 2.12.2" with "Nuclear System Directive (NSD) 112" in Section N.2.b on Page N-2. The information contained in Catawba Site Directive 2.12.2 has been incorporated into NSD 112 and Catawba Site Directive 2.12.2 has been deleted from the Document Management System. This change reflects the current location of the referenced material.
5. Page N-2, Section N.2.c, Last Line  
Remove "annual" in the last line of Section N.2.c on Page N-2. This change reflects the revision to 10CFR50 Appendix E that was effective on July 16, 1996.
6. Page N-2, Section N.3, First Sentence  
Remove "annual" in the first sentence of Section N.3 on Page N-2. This change reflects the revision to 10CFR50 Appendix E that was effective on July 16, 1996.

#### **SECTION O - RADIOLOGICAL EMERGENCY RESPONSE TRAINING**

1. Page O-1, Section O.1.a, Second Sentence  
Revise the second sentence of Section O.1.a on Page O-1 to read as follows:

"Off-site Support Agencies receive training and retraining per EP Group Manual Guideline 5.4.1. Training objectives and lesson plans are maintained in the site training files."

The requirements for training and retraining Off-site Support Agencies is now located in the same document used to identify the training and retraining requirements for On-site personnel. The location of this information into this document provides a one source document for all emergency response training. Also the site training department has developed training objectives for appropriate Off-site Support Agencies along with lesson plans. These objectives and lesson plans are maintained in the site training files and are available for review at any time. This change reflects the current Emergency Planning/Site training method of managing required training, training objectives and lesson plans.

2. Page O-1, Section O.2.a, First Paragraph, First Sentence  
Replace "Catawba Site Directive 2.5.2" with "EP Group Manual Guideline 5.4.1" in the first sentence of the first paragraph of Section O.2.a on Page O-1. The ERO Training Matrix was relocated from the site directive to the EP Group Manual Guideline. The relocation of this information to the EP Group Manual provides the Emergency Planning Group more control over the ERO training program.
  
3. Page O-1, Section O.2.a, First Paragraph, Second Sentence  
Revise the second sentence of the first paragraph of Section O.2.a on page O-1 to read as follows:  
  
"Training objectives and lesson plans are maintained in the site training files."  
  
Also the site training department has developed training objectives for the appropriate Emergency Organization positions along with lesson plans. These objectives and lesson plans are maintained in the site training files and are available for review at any time. This change reflects the current Emergency Planning/Site training method of managing required training, training objectives and lesson plans.
  
4. Page O-1, Section O.2.a, First Paragraph, Third Sentence  
Replace "Catawba Site Directive 2.5.2" with "EP Group Manual Guideline 5.4.1" in the third sentence of the first paragraph of Section O.2.a on Page O-1. The ERO Training Matrix was relocated from the site directive to the EP Group Manual Guideline. The relocation of this information to the EP Group Manual provides the Emergency Planning Group more control over the ERO training program.
  
5. Page O-1, Section O.2.a, Second Paragraph, First Sentence  
Delete "(classroom)" from the first sentence of the second paragraph of Section O.1.a on Page O-1. Initial classroom training for certain positions in the Emergency Organization may not always be the best form of providing information to the new Emergency Organization member. As an example it may be best to require a new Off-Site Agency Communicator to actually observe and assist a qualified communicator during a drill than to spend three hours in a classroom. This change allows the flexibility to determine the best method of delivering the training on a position by position basis rather than requiring initial classroom training for all new Emergency Organization members.

6. Page O-1, Section O.2.a, Second Paragraph, Second Sentence  
Replace "either by self study or classroom" with "as identified in EP Group Manual Guideline 5.4.1" in the second sentence of the second paragraph of Section O.2.a on Page O-1. The ERO Training Matrix is located in the EP Group Manual Guideline. This change allows the flexibility to determine the best method of delivering the continuing training on a position by position basis rather than specifying the method of delivery for all Emergency Organization continuing training
7. Page O-1, Section O.2.b  
Replace "Catawba Security Plan" with "Duke Power Company Nuclear Security and Contingency Plan" in Section O.2.b on Page O-1. This change reflects the current location of the referenced material.
8. Page O-1, Section O.2.c  
Replace "Catawba Site Directive 2.12.2" with "Nuclear System Directive 112" in Section N.2.b on Page O-1. The information contained in Catawba Site Directive 2.12.2 has been incorporated into NSD 112 and Catawba Site Directive 2.12.2 has been deleted from the Document Management System. This change reflects the current location of the referenced material.
9. Page O-1, Section O.4, First Paragraph  
Replace the first paragraph of Section O.4 on Page O-1 as follows:

"Training requirements for the following groups is described in EP Group Manual Guideline 5.4.1. Training objectives and lesson plans are maintained in site training files."

The requirements for training and retraining emergency response groups are now located in EP Group Manual Guideline 5.4.1. The location of this information into this document provides a one source document for all emergency response training. Also the site training department has developed training objectives for the groups (as well as other positions) identified in Section O.4 of the Emergency Plan. These objectives and lesson plans are maintained in the site training files and are available for review at any time. This change reflects the current Emergency Planning/Site Training method of managing required training, training objectives and lesson plans.

10. Pages O-1 and O-2, Sections O.4.a through O.4.k  
Delete the references to the figures in each section. The figures referenced in these section provide information concerning the frequency of training required and the training objectives for each position. EP Group Manual 5.4.1 now contains the initial training required and the continuing training required for each of the positions identified in Sections O.4.a through O.4.k. The training objectives and lesson plans are maintained in the site training files and are available for review at any time. This change reflects the current Emergency Planning/Site Training method of managing required training, training objectives and lesson plans.
  
11. Page O-2, Section O.5  
Replace Section O.5 with the following:  
  
"Initial and retraining requirements for each Emergency Response Organization position are defined in EP Group Manual Guideline 5.4.1."  
  
The requirements for training and retraining emergency response groups are now located in EP Group Manual Guideline 5.4.1. The location of this information into this document provides a one source document for all emergency response training. This change reflects the current Emergency Planning/Site Training method of managing required training.
  
12. Pages O-3 through O-29  
Delete Pages O-3 through O-29. The requirements for training and retraining emergency response groups are now located in EP Group Manual Guideline 5.4.1. The location of this information into this document provides a one source document for all emergency response training. Also the site training department has developed training objectives for the groups (as well as other positions) identified in Section O.4 of the Emergency Plan. These objectives and lesson plans are maintained in the site training files and are available for review at any time. This change reflects the current Emergency Planning/Site Training method of managing required training, training objectives and lesson plans.



## **SECTION P - RESPONSIBILITY FOR THE PLANNING EFFORT**

1. Page P-4, Figure P-2, RP/0/A/5000/10, Emergency Plan Section Implemented Column  
Add Sections "E" and "K" as sections of the Emergency Plan implemented by this EPIP in Figure P-2 on Page P-5. The information needed to implement a site assembly as identified in the Emergency Plan has been moved from CNS Site Directive 3.0.7 and incorporated into RP/0/A/5000/10. This change more clearly defines the role of RP/0/A/5000/10 as an EPIP after the incorporation of the information from CNS Site Directive 3.0.7.
2. Page P-4, Figure P-2, RP/0/B/5000/12  
Delete RP/0/B/5000/12 from Figure P-2 on Page P-5. The information previously contained in RP/0/B/5000/12 has been incorporated into RP/0/A/5000/24. This change reflects the current location for the control of assessment and repair teams implementing procedure.
3. Page P-4, Figure P-2, RP/0/B/5000/17, Title  
Add "Operation" to the end of the title of RP/0/B/5000/17 in Figure P-2 on Page P-5. This change reflects the current title of this EPIP and is considered to be editorial.
4. Page P-4, Figure P-2, RP/0/B/5000/26  
Add RP/0/B/5000/26 to Figure P-2 on Page P-5. The information needed to implement a bomb threat response as identified in the Emergency Plan has been moved from CNS Site Directive 3.7.5 and incorporated into RP/0/A/5000/26. CNS Directive 3.7.5 is being deleted as an EPIP based on the development of RP/0/B/5000/26. The following information is added to Figure P-2:

Procedure # - "RP/0/B/5000/26

Title - "Response to Bomb Threat"

Emergency Planning Section Implemented - "Section D"

This change reflects the current implementing procedure for response to a bomb threat.



5. Page P-5, Figure P-2, CNS Directive 3.7.5  
Delete CNS Directive 3.7.5 from Figure P-2 on Page P-5. The information needed to implement a bomb threat response as identified in the Emergency Plan has been moved from CNS Site Directive 3.7.5 and incorporated into RP/0/A/5000/26. CNS Directive 3.7.5 is being deleted as an EPIP based on the development of RP/0/B/5000/26. RP/0/B/5000/26 has been added to Figure P-2 as an EPIP. This change reflects the current implementing procedure for response to a bomb threat.
6. Page P-5, Figure P-2, CNS Site Directive 3.8.4  
Replace "CNS Site Directive 3.8.4" with "EP Group Manual Guideline 5.1.3" in Figure P-2 on Page P-5. The information contained in CNS Site Directive 3.8.4 is now located in EP Group Manual Guideline 5.1.3. An individual 10CFR50.54(q) evaluation of the replacement of this directive with the EP Group Manual Guideline was performed. The results of this evaluation determined that this change did not decrease in the effectiveness of the Emergency Plan. The 10CFR50.54(q) evaluation is provided as Attachment 3.
7. Page P-5, Figure P-2, CNS Site Directive 3.0.7  
Delete CNS Site Directive 3.0.7 from Figure P-2 on Page P-5. The information needed to implement a site assembly as identified in the Emergency Plan has been moved from CNS Site Directive 3.0.7 and incorporated into RP/0/A/5000/10. This reflects the current location of the site assembly implementing procedure.

#### **APPENDIX INDEX**

No changes.

#### **APPENDIX 1 - DEFINITIONS**

No changes.

## APPENDIX 2 - METEOROLOGICAL PROGRAM

1. Page Q-2.3, Quality Assurance, Second Paragraph, First Sentence  
Delete and "logs" from the first sentence of the second paragraph on Page Q-2.3. Logs are no longer kept on site. Work completed as a part of the periodic testing program are electronically stored in the electronic work control system. Chart recorder printouts are mailed to the Duke Power Company Meteorological Group for evaluation and historic retention. This change reflects the current method of performing periodic test of the meteorological system.

2. Page Q-2.4, Figure 2-1, Measurement System  
Revise the Measurement System information as follows:

"60m (Upper Level)	Upper wind speed and direction Upper RTD
10m (Lower Level)	Lower wind speed and direction Lower RTD"

A new meteorological tower was installed at the Catawba Nuclear Site under the modification program. This change reflects the new meteorological tower instruments.

3. Page Q-2.4, Figure 2-1  
Add note to Figure 2-1 as follows:

"NOTE 1:  $\Delta T$  is obtained by subtracting the lower RTD from the upper RTD."

A new meteorological tower was installed at the Catawba Nuclear Site under the modification program. This change reflects the new meteorological tower instruments.

4. Page Q-2.4, Figure 2-1  
Revise the note previously shown on Figure 2-1 to read as follows:

"NOTE 2: Ambient temperature, dew point, and precipitation parameters are provided but not required as input for off-site dose assessment calculations."

A new meteorological tower was installed at the Catawba Nuclear Site under the modification program. This change reflects the new meteorological tower instruments.

### **APPENDIX 3 - ALERT AND NOTIFICATION SYSTEM DESCRIPTION**

1. Page Q-3.1, First Paragraph First Sentence  
Replace "EBS" with "EAS" in the first sentence of the first paragraph on Page Q-3.1. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.
2. Page Q-3.1, Third Paragraph Second Sentence  
Replace "EBS" with "EAS" in the second sentence of the third paragraph on Page Q-3.1. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.
3. Page Q-3.1, Section B, First and Second Sentences  
Replace "EBS" with "EAS" in the first and second sentences of Section B on Page Q-3.1. This change reflects the FCC change from the Emergency Broadcasting System to the Emergency Alert System.

### **APPENDIX 4 - EVACUATION TIME ESTIMATES**

No changes.

### **APPENDIX 5 - AGREEMENT LETTERS**

1. Agreement Letter No. 3  
Replace Agreement Letter No. 3 (Bethel Volunteer Fire Department) dated June 30, 1993 with the new Agreement Letter No. 3 dated June 23, 1996. This change provides the latest agreement letter.
2. Agreement Letter No. 6  
Replace Agreement Letter No. 6 (Gaston County Emergency Management) dated June 30, 1993 with the new Agreement Letter No. 6 dated June 20, 1996. This change provides the latest agreement letter.

Catawba Nuclear Station  
Emergency Plan revision 96-3  
Attachment 2  
**CATAWBA NUCLEAR SITE**  
**10CFR50.54 (q) EVALUATION CHECKLIST**

Emergency Plan Revision: 96-3

SECTION 1

Does the Emergency Plan change decrease the effectiveness of the Emergency Plan resulting in the loss of reasonable assurance that adequate protection can and will be taken in the event of a radiological emergency as required by 10CFR50.47(a)?

\_\_\_\_\_ YES       X  NO

**Justification for Answer:**

(The justification shall explain how the Emergency Plan change maintains reasonable assurance of adequate protective actions. An explanation may be based on an assessment of its effects on public health and safety, a review of applicable plans, procedures, resources, or by demonstration of the affected capabilities in a drill or exercise. Consideration should be given to any applicable site-specific planning needs.)

Catawba Nuclear Station Emergency Plan Revision 96-3 contains several changes that are considered to be editorial, clarification or typographical corrections. These changes do not decrease the effectiveness of the Catawba Nuclear Station Emergency Plan and are not discussed in detail in this evaluation.

Emergency Plan Revision 96-3 includes some document (procedure, Site Directive) deletions; however, the information contained in these documents which is required to implement the Emergency Plan has been relocated into other documents as identified in Emergency Plan Revision 96-3. This change does not decrease the effectiveness of the Emergency Plan.

The ERO training function was moved to the Site Training Organization on January 1, 1996. The changes to Emergency Plan Section O ensures that the Catawba Nuclear Site Emergency Planning Group continues to maintain control and ownership of this program. The ERO Training Matrix (displays required training for each ERO position and off-site support training) has been relocated from a Site Directive to an EP Group Manual Guideline. This Guideline can only be revised by the Emergency Planning Group. The relocation of the specified training objectives from the Emergency Plan to the Site Training files allows the ERO training to be performance based. This approach allows focused training in areas where ERO performance needs improvement and less focus in areas where the performance has been satisfactory. The Catawba Site Emergency Planning Group is required to approve all ERO lesson plans and training objectives. This change does not decrease the effectiveness of the Emergency Plan.

Catawba Nuclear Station  
Emergency Plan revision 96-3  
Attachment 2

The installation of the new meteorological tower has improved the ability of the Catawba Nuclear Site to provide off-site dose assessments. The old tower upper instruments were located at an elevation of approximately 40 meters. The lower instruments were located at an elevation of approximately 10 meters. The new tower upper instruments are located at an elevation of approximately 60 meters with the lower instruments at an elevation of approximately 10 meters. This difference in elevation complies with Regulatory Guidance 1.23. This change does not decrease the effectiveness of the Emergency Plan.

The frequency of performing exercises has been changed in this Emergency Plan revision to reflect the revision to 10CFR50 Appendix E that became effective on July 16, 1996. This change does not decrease the effectiveness of the Emergency Plan.

The Emergency Plan was revised to reference the Standard Operating Procedure for early notification and evacuation of the Carowinds amusement park and the responsible lead planning agency for implementation and maintenance of the procedure. This change does not decrease the effectiveness of the Emergency Plan.



**CATAWBA NUCLEAR SITE**  
**10 CFR 50.54 (q) EVALUATION CHECKLIST**

**SECTION 2**

Does the Emergency Plan change result in the loss of ability to meet the any of the standards described in 10CFR50.47(b) or the requirements described in 10CFR50 Appendix E or any NRC approved alternatives to those standards and requirements?

\_\_\_\_\_ YES        X   NO

**Justification for Answer:**

(The following questions summarize the standards and requirements found in 10CFR50.47(b) and 10CFR50 Appendix E and should be used to support Section 2. Yes answers to any of the following questions should be fully explained as to why the Emergency Plan change does not result in the loss of the ability to meet the standard or requirement.)

<b>10CFR50.47 (b) Review</b>		
<b>Does this change affect any of the following subject areas of 10 CFR 50.47(b)?</b>		
1. Assignment of ERO responsibilities	<u>  X  </u> Yes	_____ No
2. Assignment of on-shift ERO personnel	_____ Yes	<u>  X  </u> No
3. Arrangement for utilizing State or local resources and staff	<u>  X  </u> Yes	_____ No
4. EALs	<u>  X  </u> Yes	_____ No
5. Notifications to off-site agencies, the ERO or the public	_____ Yes	<u>  X  </u> No
6. Communications between off-site agencies, the ERO, or the public	<u>  X  </u> Yes	_____ No
7. Dissemination of public information	_____ Yes	<u>  X  </u> No
8. Adequacy of emergency facilities and equipment	_____ Yes	<u>  X  </u> No
9. Methods, systems, and equipment for off-site response to a radiological emergency	_____ Yes	<u>  X  </u> No
10. Protective Action Recommendations / Determination	_____ Yes	<u>  X  </u> No
11. Emergency Worker radiological control	_____ Yes	<u>  X  </u> No
12. Medical services for contamination injured personnel	<u>  X  </u> Yes	_____ No
13. Re-entry / Recovery plans	_____ Yes	<u>  X  </u> No
14. Drills and exercises	<u>  X  </u> Yes	_____ No
15. Radiological emergency response training	<u>  X  </u> Yes	_____ No
16. Plan development, review and distribution	_____ Yes	<u>  X  </u> No



Catawba Nuclear Station  
Emergency Plan revision 96-3  
Attachment 2

Subject Area 1

The responsibilities of the Radiation Protection personnel assigned to accompany a contaminated injury in the ambulance and the OSC Security responsibilities have been changed. These changes do not decrease the effectiveness of the Catawba Nuclear Station Emergency Plan. The justification for this statement is as follows:

The need for Radiation Protection personnel to accompany a contaminated injury in the ambulance has decreased due to the training, provided by both Duke Power and REAC\TS, of rescue squad and hospital personnel in the handling of contaminated injuries. Radiation Protection personnel may accompany a contaminated injury in the ambulance dependent on the operational needs of the plant. Duke Power will continue to provide Radiation Protection personnel to the hospital and ambulance service for decontamination as resources become available. This process reflects the Catawba Nuclear Site agreement with Piedmont Medical Center and Clover Rescue Squad.

The Security function previously performed in the OSC has been combined with the functions performed by the TSC Human Resources Manager. This change in ERO responsibilities allows the Security staff the ability to rapidly respond to security events. The TSC Human Resources Manager provides the coordination link between the ERO and the Security forces. This organization has been successfully tested during integrated drills and exercises

Subject Area 3

The agreement letters with Bethel Volunteer Fire Department and Gaston County Emergency Management have been updated. These updates do not decrease the effectiveness of the Catawba Nuclear Station Emergency Plan.

Subject Area 4

As a part of the review of Catawba Nuclear Station Emergency Plan Revision 96-1 and 96-2 it was determined that the EAL associated with Event # 4.1.4, General Emergency, EMF-37 indication on Page D-54 did not reflect the EAL's technical basis. This EAL and the technical basis for this EAL were included in a previous Emergency Plan revision. The Technical Basis was correctly revised ; however, the EAL on Page D-54 was not correctly revised by the previous Emergency Plan revision. Each EPZ state and county has reviewed and accepted in writing the EAL as changed in Emergency Plan Revision 96-3. This change does not decrease the effectiveness of the Emergency Plan.

Subject Area 6

The North Carolina EOC is now staffed 24 hours per day. Figure B-11 has been revised to allow the Control Room to contact the North Carolina State Government using the Selective Signaling System connection at either the EOC or the Highway Patrol. The North Carolina Highway Patrol currently remains connected to the Selective Signaling System but plans are to remove this Selective Signaling System connection in the future. This change for informing the State of North Carolina

Catawba Nuclear Station  
Emergency Plan revision 96-3  
Attachment 2

about a Catawba Nuclear Site event does not decrease the effectiveness of the Emergency Plan due to the continuous staffing of the North Carolina EOC.

Subject Area 12

The responsibilities of the Radiation Protection personnel assigned to accompany a contaminated injury in the ambulance have been changed as described in Section 2 Subject Area 1. This change does not decrease the effectiveness of the Emergency Plan.

Subject Area 14

For a discussion of the exercise frequency change refer to Section 1. This change does not decrease the effectiveness of the Emergency Plan.

Subject Area 15

For a discussion of the ERO training change refer to Section 1. This change does not decrease the effectiveness of the Emergency Plan.

Catawba Nuclear Station  
 Emergency Plan revision 96-3  
 Attachment 2  
**CATAWBA NUCLEAR SITE**  
**10 CFR 50.54 (q) EVALUATION CHECKLIST**

SECTION 2 (cont.)

10CFR50. Appendix E Review		
Does this change effect any of the following subject areas of 10 CFR 50, Appendix E?		
(i)(ii)(iii) Emergency plans as described in the FSAR	Yes	<u>X</u> No
(iv) A. Organization for coping with radiological emergencies	Yes	<u>X</u> No
(iv) B. Assessment of radiological emergencies	<u>X</u> Yes	No
(iv) C. Classifications, EALs and ERO activation	<u>X</u> Yes	No
(iv) D. Notification of Federal, State and local agencies and the public	<u>X</u> Yes	No
(iv) E. ERFs, equipment, and communications	<u>X</u> Yes	No
(iv) F. Training, drills, and exercises	<u>X</u> Yes	No
(iv) G. Plans and procedures and surveillance of equipment and supplies	Yes	<u>X</u> No
(iv) H. Re-entry and Recovery following an accident	Yes	<u>X</u> No

SUBJECT AREA (iv) B.

For a discussion of the new meteorological tower installation, refer to Section 1. The installation of the new tower does not decrease the effectiveness of the Emergency Plan.

Subject Area (iv) C.

For a discussion of the change to the EAL associated with Event #4.1.4, General Emergency on EMF 37 indication, refer to Section 2 Subject Area 4. This change does not decrease the effectiveness of the Emergency Plan.

Subject Area (iv) D.

For a discussion of the change to contact the North Carolina State Government and inform them of a Catawba Nuclear Site event, refer to Section 2 Subject Area 6. This change does not decrease the effectiveness of the Emergency Plan.

Catawba Nuclear Station  
Emergency Plan revision 96-3  
Attachment 2

Subject Area (iv) E.

This subject area includes the following topics:

The responsibilities of the Radiation Protection personnel assigned to accompany a contaminated injury in the ambulance have been changed as described in Section 2 Subject Area 1. This change does not decrease the effectiveness of the Emergency Plan.

For a discussion of the new meteorological tower installation, refer to Section 1. The installation of the new tower and the reflection of the new tower does not decrease the effectiveness of the Emergency Plan.

For a discussion of the change to contact the North Carolina State Government and inform them of a Catawba Nuclear Site event, refer to Section 2 Subject Area 6. This change does not decrease the effectiveness of the Emergency Plan.

Subject Area (iv) F.

For a discussion of the exercise frequency change refer to Section 1 Subject Area 14. This change does not decrease the effectiveness of the Emergency Plan.

Catawba Nuclear Station  
Emergency Plan revision 96-3  
Attachment 2  
**CATAWBA NUCLEAR SITE**  
**10 CFR 50.54 (q) EVALUATION CHECKLIST**

**SECTION 3**

Does the Emergency Plan change delete or contradict any regulatory requirement?

\_\_\_\_\_ YES        X   NO

**Justification for Answer:**

As described in Attachment 1 and Attachment 2 Sections 1 and 2 Catawba Nuclear Station Emergency Plan revision 96-3 does not contradict any regulatory requirement.

Attach additional pages as required.

Prepared By:

Steven R. Christoph

Date:

9/16/96

Reviewed By:

[Signature]

Date:

Sept. 16, 1996.



**CATAWBA NUCLEAR SITE  
10CFR50.54 (q) SCREENING CHECKLIST**

**Document: Number and Title:**

EP Group Manual Guideline 5.1.3; "Emergency Organization"

**Procedure/Document Revision No.** Original

**Description of Proposed Change:**

Site Directive 3.8.4 has been converted into EP Group Manual Guideline 5.1.3. Site Directive 3.8.4 will be deleted as an EPIP and will be replaced as an EPIP by EP Group Manual Guideline 5.1.3.

The following revisions have also been made internal to the body of the document:

- 1) Added Reference 2.4.
- 2) Revised Reference 2.9 to reflect current title.
- 3) Relocated Section 3.3 second paragraph to Section 3.3 to align with other Station Manager functions.
- 4) Added RP/0/A/5000/02 to Section 4.1.1(6).
- 5) Revised Section 4.2.13 to better describe Data Coordinator functions.
- 6) Revised Section 4.4.3 to better describe EOF Access Control Director function.
- 7) Revised Section 4.4.21 to reflect group name change and to clearly assign INPO notification responsibility.
- 8) Deleted DRC Clerk from Section 5.1.5 OSC desired positions. These functions are now performed by DRC Supervisor position.
- 9) Revised Section 5.22 to reflect group name change.
- 10) Revised Section 9.2.1 to reflect proper reference.

**Does the proposed change require**  **YES**  **NO**  
**a revision to the Emergency Plan?**

If the answer is **NO**, a 10CFR50.54(q) Evaluation is **NOT REQUIRED**.

If the answer is **YES**, a 10CFR50.54(q) Evaluation is **REQUIRED**.

**Comments:**

The internal document revisions do not require an Emergency Plan change; however, this document replaces an existing EPIP (Site Directive 3.8.4). The replacement of an EPIP requires that references to the EPIP within the Emergency Plan be revised.

Attach additional pages as required.

Prepared By: Steven R. Christopher

Date: 7/18/96

Reviewed By: GARY C. MITCHELL

Date: 7/18/96

**CATAWBA NUCLEAR SITE  
10CFR50.54 (q) EVALUATION CHECKLIST**

**Emergency Plan Revision:**

Reference to this document replacement will be incorporated into Emergency Plan Revision 96-3.

**SECTION 1**

Does the Emergency Plan change decrease the effectiveness of the Emergency Plan resulting in the loss of reasonable assurance that adequate protection can and will be taken in the event of a radiological emergency as required by 10CFR50.47(a)?

\_\_\_\_\_ YES       X  NO

**Justification for Answer:**

EP Group Manual Guideline 5.1.3 replaces Site Directive 3.8.4 as an EPIP. The Emergency Plan references to Site Directive 3.8.4 will be revised to EP Group Manual Guideline 5.1.3 in Emergency Plan Revision 96-3. This Emergency Plan revision does not decrease the effectiveness of the Emergency Plan.

The internal changes to the document associated with this replacement provide enhancements to references and functional responsibilities and do not decrease the effectiveness of the Emergency Plan.

**CATAWBA NUCLEAR SITE  
10 CFR 50.54 (q) EVALUATION CHECKLIST**

**SECTION 2**

Does the Emergency Plan change result in the loss of ability to meet the any of the standards described in 10CFR50.47(b) or the requirements described in 10CFR50 Appendix E or any NRC approved alternatives to those standards and requirements?

\_\_\_\_\_ YES        X   NO

**Justification for Answer:**

(The following questions summarize the standards and requirements found in 10CFR50.47(b) and 10CFR50 Appendix E and should be used to support Section 2. Yes answers to any of the following questions should be fully explained as to why the Emergency Plan change does not result in the loss of the ability to meet the standard or requirement.)

<b>10CFR50.47 (b) Review</b>			
<b>Does this change affect any of the following subject areas of 10 CFR 50.47(b)?</b>			
1. Assignment of ERO responsibilities	<u>  X  </u>	Yes	_____ NO
2. Assignment of on-shift ERO personnel	_____	Yes	<u>  X  </u> NO
3. Arrangement for utilizing State or local resources and staff	_____	Yes	<u>  X  </u> NO
4. EALs	_____	Yes	<u>  X  </u> NO
5. Notifications to off-site agencies, the ERO or the public	_____	Yes	<u>  X  </u> NO
6. Communications between off-site agencies, the ERO, or the public	_____	Yes	<u>  X  </u> NO
7. Dissemination of public information	_____	Yes	<u>  X  </u> NO
8. Adequacy of emergency facilities and equipment	_____	Yes	<u>  X  </u> NO
9. Methods, systems, and equipment for off-site response to a radiological emergency	_____	Yes	<u>  X  </u> NO
10. Protective Action Recommendations / Determination	_____	Yes	<u>  X  </u> NO
11. Emergency Worker radiological injured personnel	_____	Yes	<u>  X  </u> NO
12. Medical services for contamination injured personnel	_____	Yes	<u>  X  </u> NO
13. Re-entry / Recovery plans	_____	Yes	<u>  X  </u> NO
14. Drills and exercises	_____	Yes	<u>  X  </u> NO
15. Radiological emergency response training	_____	Yes	<u>  X  </u> NO
16. Plan development, review and distribution	_____	Yes	<u>  X  </u> NO

Question 1 was answered Yes because this change does discuss ERO responsibility assignments. This change better defines responsibilities of certain ERO positions and therefore continues to comply with 10CFR50.47(b)1. These changes do not decrease the effectiveness of the Emergency Plan.

**CATAWBA NUCLEAR SITE  
10 CFR 50.54 (q) EVALUATION CHECKLIST**

**SECTION 2 (cont.)**

<b>10CFR50. Appendix E Review</b>			
<b>Does this change effect any of the following subject areas of 10 CFR 50, Appendix E?</b>			
(i)(ii)(iii) Emergency plans as described in the FSAR	Yes	<input checked="" type="checkbox"/>	NO
(iv) A. Organization for coping with radiological emergencies	Yes	<input checked="" type="checkbox"/>	NO
(iv) B. Assessment of radiological emergencies	Yes	<input checked="" type="checkbox"/>	NO
(iv) C. Classifications, EALs and ERO activation	Yes	<input checked="" type="checkbox"/>	NO
(iv) D. Notification of Federal, State and local agencies and the public	Yes	<input checked="" type="checkbox"/>	NO
(iv) E. ERFs, equipment, and communications	Yes	<input checked="" type="checkbox"/>	NO
(iv) F. Training, drills, and exercises	Yes	<input checked="" type="checkbox"/>	NO
(iv) G. Plans and procedures and surveillance of equipment and supplies	Yes	<input checked="" type="checkbox"/>	NO
(iv) H. Re-entry and Recovery following an accident	Yes	<input checked="" type="checkbox"/>	NO

**CATAWBA NUCLEAR SITE  
10 CFR 50.54 (q) EVALUATION CHECKLIST**

**SECTION 3**

Does the Emergency Plan change, delete or contradict any regulatory requirement?

\_\_\_\_\_ YES       X  NO

**Justification for Answer:**

EP Group Manual Guideline 5.1.3 replaces Site Directive 3.8.4 as an EPIP. The Emergency Plan references to Site Directive 3.8.4 will be revised to EP Group Manual Guideline 5.1.3 in Emergency Plan Revision 96-3. This Emergency Plan revision does not change, delete or contradict any regulatory requirement.

The internal changes to the document associated with this replacement provide enhancements to references and functional responsibilities and do not change, delete or contradict any regulatory requirement.

Attach additional pages as required.

Prepared By: Steven R. Christopher  
Reviewed By: GARY C. MITCHELL

Date: 7/18/96  
Date: 7/18/96



**CATAWBA NUCLEAR STATION  
EMERGENCY PLAN REVISION 96-3  
ATTACHMENT 4**

**UPDATE INSTRUCTIONS  
PAGE 1 of 3**

Replace Revision 96-2 Cover Sheet with Revision 96-3 Cover Sheet

**Table of Contents**

Replace pages 1 through 5

**List of Figures, Tables, Attachments**

Replace pages 6 and 7

**Tab A - Assignment of Responsibility**

Replace page A-2

**Tab B - Onsite Emergency Organization**

Replace pages B-2  
B-3  
B-9  
B-11

**Tab C - Emergency Response Support & Resources**

Replace C-1

**Tab D - Emergency Classification System**

Replace pages D-9  
D-10  
D-54  
D-57  
D-77  
D-80  
D-83  
D-84  
D-96  
D-101  
D-106  
D-108

**Update Instructions**

**Page 2 of 3**

**Tab E - Notification Methods & Procedures**

Replace pages E-3  
E-4  
E-6  
E-7  
E-8

**Tab G - Public Education & Information**

Replace pages G-1  
G-2  
G-3  
G-4  
G-5  
G-6  
G-8

**Tab H - Emergency Facility & Equipment**

Replace pages H-1  
H-2  
H-3  
H-4  
H-6  
H-14

**Tab I - Accident Assessment**

Replace page I-2

**Tab J - Protective Response**

Replace pages J-1  
J-2  
J-4  
J-5  
J-7

**Tab L - Medical & Public Health Support**

Replace pages L-1  
L-2

**Tab M - Recovery & Re-entry Planning**

Replace pages M-1  
M-2  
M-3  
M-4  
M-6

**Tab N - Exercises & Drills**

Replace pages N-1  
N-2

**Tab O - Radiological Emergency Response Training**

Replace pages O-1  
O-2

**Tab P - Development, Periodic Review & Distribution of Emergency Plans**

Replace pages P-4  
P-5

**Tab Q - Appendices**

**Appendix 2 - Meteorological Systems**

Replace pages Q-2.3  
Q-2.4

**Appendix 3 - Alert & Notification System**

Replace page Q.3.1

**Appendix 5 - Agreement Letters**

Replace Agreement Letter No. 3  
Letter No. 6