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**DUKE POWER**

December 20, 1994

US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Subject: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Oconee Nuclear Site Emergency Plan  
Volume A, Revision 94-06  
Effective Date, December 29, 1994

Please find attached for your use and review copies of the revision to the Oconee Nuclear Site Emergency Plan:

Volume A      Revision 94-06      Effective December 29, 1994

This revision is being submitted in accordance with 10 CFR 50-54(q) and does not decrease the effectiveness of the Emergency Plan.

Please delete privacy material in the form of personal telephone numbers prior to placing in the Public Document Room.

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

Very truly yours,

  
J. W. Hampton  
VP, Oconee Nuclear Site

cc: (w/2 copies of attachments)  
Mr. Stewart D. Ebnetter,  
Regional Administrator  
US Nuclear Regulatory Commission, Region II  
101 Marietta Street, NW, Suite 2900

(w/o attachments)  
Oconee NRC Resident Inspector  
C. C. Jennings

100070  
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F PDR



December 14, 1994

**INTRASTATION LETTER  
OCONEE NUCLEAR SITE**

**SUBJECT: Revision 94-06  
Volume A, Oconee Nuclear Site Emergency Plan**

**Please make the following changes:**

**REMOVE**

**Cover sheet, effective 8/17/94**

**Record of Changes, page 3**

**List of Figures, pages 3,4,5**

**Introduction, page i-5, remove map**

**Section A, pages 1-4, pages 6-8**

**Section B, pages 1-3, 5-12, 20,  
24-25.**

**Section D, pages 6,8,9**

**Section E, page 1**

**Section F, pages 1-3, 7**

**Section G, pages 2-3, 5  
1994 Calendar**

**Section H, pages 2,5,7, 9-21,  
23-24, 28, 30-32, 34-36, 38-39,  
49.**

**Section I, pages 15, 16-36.**

**Section J, pages 2, 5, 17.**

**Section L, pages 3-6**

**ADD**

**Cover sheet, effective 12/29/94**

**Record of Changes, page 3**

**List of Figures, pages 3,4,5**

**Introduction, insert new map**

**Section A, pages 1-4, pages 6-8**

**Section B, pages 1-3, 5-12, 20  
24-25.**

**Section D, pages 6,8,9**

**Section E, page 1**

**Section F, pages 1-3, 7**

**Section G, pages 2-3, 5  
1995 Calendar**

**Section H, pages 2,5,7, 9-21,  
23-24, 28, 30-32, 34-36, 38-39,  
49.**

**Section I, page 15.**

**Section J, pages 2,5, 17**

**Section L, pages 3-5**

Page 2

Section M, page 4

Section M, page 4

Section N, page 1

Section M, page 1

Section O, page 3

Section O, page 3

Section P, page 1, 12

Section P, page 1, 12

Appendix 1, pages 1,3

Appendix 1, pages 1, 3

Appendix 2, page 1

Appendix 2, page 1

Appendix 3, page 1

Appendix 3, page 1

Appendix 5, pages 1-2, agreements  
Oconee County Fire Marshall, Keowee  
Ebenezer Fire Dept, Corinth-Shiloh  
Fire Department, Department of Energy

Appendix 5, pages 1-2, agreements  
Oconee County Fire Marshall, Keowee  
Ebenezer Fire Department, Corinth-Shiloh  
Fire Department, Department of Energy

Appendix 6, pages 2-4

Appendix 6, pages 2-4

Appendix 8, entire section except for  
site map

Appendix 8, entire section except for  
site map

Appendix 9, page 20

Appendix 9, page 20



**Coleman C. Jennings**  
Manager, Emergency Planning

December 14, 1994

**Memorandum to File  
Oconee Nuclear Site**

**Subject: Annual Review of the Oconee Nuclear Site Emergency Plan  
Volume A, Revision 94-06  
File Number #1430**

**The annual review of the Oconee Nuclear Site Emergency Plan has been performed. The following changes have been made. None of the changes made requires prior approval by the NRC in that the changes were made as enhancements.**

**The changes are as follows:**

**List of Figures - Page 1.**

**Figures I-3A through I-36 were deleted from the plan due to a change in the Engineering Calculations that were developed as a result of EPA 400.**

**Figures L-1, L-2, L-3. There are only 3 figures now that show Emergency Medical equipment. (See writeup on L section).**

**Figure P-4. The information was provided in 1993 but a figure number was not designated.**

**Introduction**

**New map for 10-mile EPZ enclosed.**

**Section A.**

**Page A-1. DHEC has changed the name of the division that handles radiological emergency response.**

**Page A-2, A-3, A-8. Shift Supervisor is now called the Operations Shift Manager.**

**Page A-4. Northeast Utilities Services Company replaces the Teledyne Isotopes Badge Company. (See also Agreement Section-Appendix 5.)**

**Page A-6,**

**Page A-7. Changes reflect new corporate and site organizations.**

**Memorandum to File  
Emergency Plan Change  
Page 2**

**Section B.**

- Page B-1, B-5.** Shift Supervisor is now called the Operations Shift Manager.
- Page B-2.** Revised the list of alternates by priority.
- Page B-3.** Bartlett Nuclear replaces K-MAC.  
Einroserve of North Carolina no longer supports DPC.  
GTS listed twice (one removed).
- Page B-6.** Electric Systems Support Division replaces General Services Division  
-South.
- Page B-7.** Deleted Nuclear Services (Site Engineering provides all Technical Support  
for the Site under the new organization).
- Pages 8-12** Changes reflect new site organization.
- Page B-20.** Fire Brigade requirements are shown in the Site Design Basis Document and  
not Technical Specifications. Shift Supervisor is now the Operations Shift  
Manager.
- Page B-24.** Engineering provides the TSC/ OSC Liaison Technical Assistant in the TSC  
instead of keeping the OSC log.
- Page B-25.** Revised name of DHEC agency under Radiation Protection response duties.

**Section D.**

- Page D-6.** Initiating Condition 7. Revised EALS to eliminate reference to shutdown  
pursuit to Technical Specifications. This was overlooked during the August  
change to the action levels as it related to the NRC memorandum issued in  
July allowing utilities to eliminate reference to TS shutdown requirements.
- Page D-8.** Initiating Condition 11. Revised EALS to eliminate declaration of an  
Unusual Event unless operating mode required by TS 3.5.6 not reached with  
the LCO action statement. This was overlooked during the August change  
to the action levels as it related to the NRC memorandum issued in July  
allowing utilities to eliminate reference to TS shutdown requirements.
- Page D-9.** Referenced initiating condition 20 for Keowee Lake Level.

**Memorandum to File  
Emergency Plan Change  
Page 3**

**Section E.**

**Page E-1. Shift Supervisor is now called the Operations Shift Manager.**

**Section F.**

**Page F-1. Shift Supervisor is now called the Operations Shift Manager.**

**Page F-2. Alternate Technical Support Center has Selective Signaling system.**

**Page F-3. Site PA system upgraded. Additional areas required to be contacted by Security during Site Assembly.**

**Page F-7. Figure F-2 has been revised to provide frequencies for the two radio systems utilized by the Oconee Nuclear Site. Directions for use of the systems are included in procedures.**

**Section G.**

**Page G-2. Changes reflect program changes and title changes for groups in the company organization.**

**Page G-3. Corrected spelling.**

**Page G-5. New calendar for 1995.**

**Section H.**

**Page H-2. Security provides response to the OSC.**

**Page H-5. Name change for DHEC.**

**Page H-7. Figure L-4 eliminated.**

**Page H-9 &. Title changes for TSC personnel.**

**Page H-10.**

**Page H-11& Title change for OSC personnel & rearrangement.**

**Page H-12.**

**Memorandum to File  
Emergency Plan Change  
Page 4**

- Pages H-13 through H-21**      Various changes in placement of phones and computers. Position titles deleted.
- Pages H-23 through 24**      Various changes in placement of phones and computers.
- Page H-28**      Engineering Room is now unassigned.
- Pages H-30-32.**      Radiation monitor range has been revised to correctly show the range of the instruments in accordance with modification.
- Page H-34.**      Deleted Xetex Teledose instruments. No longer used at ONS.
- Page H-35.**      Deleted RO-4A. Added DCA3090 and ESP2 instruments.
- Page H-36.**      Deleted Gas portable vacuum pumps. Changed H-809 to H-809V.
- Page H-38.**      Added word "offsite" to locations.
- Page H-39.**      Deleted procedure CP/ 0/ B/ 2005/ 16.
- Figure H-49.**      Emergency Planning replaced "Safety." Procedures PT/ 0/ B/ 0250/ 59 and 39 are no longer utilized.
- Maintenance Directive 3.2.17 and Chemistry Section Manual 8.1 no longer carries information concerning spill control equipment.

**Section I.**

- Page I-15.**      This page replaces I-15 and provides documentation of where the Technical Basis for estimation of failed fuel can be found.
- Pages I-16 through I-36.**      The information carried on these pages is now out of date because of the requirements of EPA 400. The engineering calculations are now the proper place to document failed fuel determinations instead of the emergency plan.



**Memorandum to File  
Emergency Plan Change  
Page 5**

**Section J.**

**Page J-5.** Words "are made" are deleted.....

**Page J-17.** Changes to site configuration.

**Section L.**

**Pages L-3 through**

**L-5.** Figure L-1 and L-2 combined into L-1 to show all medical kits as provided in PT/0/B/0250/32. Figure L-2 is now Medical Equipment and Figure L-3 is the Oconee Memorial Hospital Kit.

**Section M.**

**Page M-4.** Revised chart - Nuclear Generation.

**Section N.**

**Page N-1.** Deleted requirement to test NRC Regional EOC. No longer required by regulation.

**Section O.**

**Page O-3.** Chart revised to reflect current training requirements.

**Section P.**

**Page P-1.** Specified that changes to Emergency Plan and Implementing Procedures are sent to designee of the Site VP and Chairman of the Nuclear Safety Review Board.

**Page P-12.** Added Figure P-4 to the top of the page.

**Appendix 1.**

**Pages 1,3.** Changed for alphabetical listing. Editorial changes.

**Memorandum to File  
Emergency Plan Change  
Page 6**

**Appendix 2.**

**Page 1. Shift Supervisor title change to Operations Shift Manager.**

**Appendix 3.**

**Page 1. Total number of sirens now is 63.**

**Appendix 5.**

**Page 1&2. Agreement letters dates changed. New letters of agreement included.**

**Appendix 6.**

**Page 2,4. Corporate QA replaced by NSRB Staff/Regulatory Audits Group (change in company organization).**


**Page 3,4. Bartlett Nuclear Inc. replaces K-Mac. (Page 3 only)  
Delete Manger Plant Support.**

**Appendix 8.**

**Replaced entire SPCC plan (Revision 2) except for the site drawing. Changes were required because the incorrect format was used in Revision 1. All information is the same except for the format.**

**Appendix 9.**

**Replaced the draft Field Validation Checklist. Revision date will stay the same as the original submittal.**

  
**Coleman C. Jennings  
Manager, Emergency Planning**