

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

January 17, 1996

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

Serial No. 96-006
NEP/SAH
Docket Nos. 50-338
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License Nos. NPF-4
NPF-7

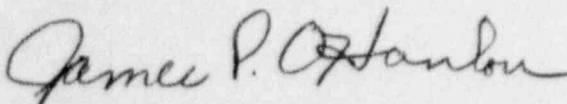
Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
REVISIONS TO STATION EMERGENCY PLAN
REVISIONS TO EMERGENCY PLAN IMPLEMENTING PROCEDURES

Pursuant to 10 CFR 50.54(q), enclosed are revisions to the North Anna Power Station Emergency Plan and selected Emergency Plan Implementing Procedures. These revisions do not implement actions which decrease the effectiveness of our Emergency Plan. The Emergency Plan and Implementing Procedures continue to meet the standards of 10 CFR 50.47(b). Please update your manual by performing the actions described in Attachment 1, Tabulation of Changes.

Your attention is also directed to Attachment 2, NAPS Emergency Plan Revision 18 Summary. This information is provided to facilitate your review of the enclosed Emergency Plan revision.

Very truly yours,



James P. O'Hanlon
Senior Vice President - Nuclear

Attachments

cc: U.S. Nuclear Regulatory Commission (2 copies)
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**ATTACHMENT 1
TABULATION OF CHANGES**

**VIRGINIA ELECTRIC AND POWER COMPANY
REVISIONS TO NORTH ANNA POWER STATION EMERGENCY PLAN
AND EMERGENCY PLAN IMPLEMENTING PROCEDURES**

Enclosed are recent revisions to the North Anna Power Station Emergency Plan and selected Emergency Plan Implementing Procedures (EPIPs). Please take the following actions in order to keep your manual updated with the most recent revisions.

REMOVE AND DESTROY	DATED	INSERT	EFFECTIVE DATE
NAPS Emergency Plan, Rev. 17	02-08-95	NAPS Emergency Plan, Rev. 18	01-03-96
EPIP-4.06, Rev. 8	03-18-92	EPIP-4.06, Rev. 9	12-28-95

Emergency Plan Privacy and Proprietary Material has been removed. Reference Generic Letter No. 81-27.

ATTACHMENT 2 NAPS EMERGENCY PLAN REVISION 18 SUMMARY

- Page i.4:
- Updated title of Appendix 10.9 to "Radiation Emergency Plan MCVH/VCU - Virginia Power." Change was also made at Appendix 10.9
 - Replaced title of Appendix 10.10 with new title, Federal Radiological Monitoring and Assessment Center (FRMAC) Operations Plan.
- Page i.5:
- Criterion A.3: Added Appendix 10.1.
 - Criterion B.4: Changed to 5.2.1.1 (made more specific).
 - Criterion B.5: Added Table 5.2.
 - Criterion B.9: Added Appendix 10.1.
- Page i.6: Criteria J.8, J.10.a and .b: Changed "Section" to "Appendix."
- Page i.7: Criterion O.3: Added Table 8.1. Criterion P.6: Changed "Section" to "Appendix."
- Page 1.3: Changed abbreviation, "PAGs."
- Page 1.5: At CEOF abbreviation, "Corporate" was changed to "Central."
- Page 1.6: Changed FRMAP to FRMAC, Federal Radiological Monitoring and Assessment Center.
- Page 1.8: Added "VPAP" to abbreviation list.
- Page 2.3: Section 2.2 last sentence: capitalized Protective Action Recommendations.
- Page 3.2: Third paragraph: edited text for spacing, sentence structure.
- Page 4.2: Section 4.1: Deleted "transportation of a contaminated injured worker..." as an example of a minor accident (EAL previously deleted per NRC Branch Technical Position).
- Page 5.2: Modified title at Table of Contents section 5.3.1.3 to be consistent with internal section 5.3.1.3 on page 5.18.
- Page 5.3: Replaced title at Table of Contents section 5.4.7 (Oak Ridge...) to Federal Radiological Monitoring and Assessment Center (FRMAC) Operations Plan.
- Page 5.4: Second paragraph: Acronym for TSC is moved to follow first use of Technical Support Center in section text.
- Page 5.5: Section 5.1, first paragraph was changed from "the normal Station complement of personnel is only present during the daytime from Monday through Friday" to "the normal Station complement of personnel is only present during regular duty hours on scheduled work days" to reflect current work week schedules.
- Page 5.7:
- Section 5.2.1, last two sentences, were modified for clarity.
 - Section 5.2.1.1 was modified to more accurately reflect the SEM location and reporting hierarchy.
- Page 5.11: Section 5.2.1.10: Added Fire Team to list of teams that may be provided radiological support through Radiation Protection Supervisor.
- Page 5.13: Section 5.2.1.15: Deleted references to Quality Assurance (obsolete). "Will" was changed to "may" when related to reporting hierarchy of Loss Prevention to the SEM. Also changed title, Station Safety and Loss Prevention representative.

- Page 5.13: Section 5.2.1.16: EIPs also direct LLEA notification, when appropriate. Thus, the phrase "in accordance with procedural guidelines" was added.
- Page 5.17:
- Section 5.3: Added 60 minute facility activation goal in accordance with Virginia Power - NRC submittal, SN 95-425, dated September 6, 1995, and NRC approval letter dated December 12, 1995.
 - Section 5.3: Corrected various acronyms and applied consistent use of "LEOF." Changed "Richmond" to "Glen Allen," location of the CERC/CEOF and other corporate facilities.
- Page 5.18: Section 5.3.1.3: Deleted Quality Assurance (obsolete).
- Page 5.20: Section 5.3.3: Estimated response times indicated for radiological count laboratories are actually travel time. The section was modified to accommodate this correction.
- Page 5.23: Section 5.4.3: Deleted list of State agencies as several references were obsolete and more are expected to change. The list was replaced with a reference to COVERP, Annex I-V to Volume II, Appendix 2, Organization, which lists the current State agencies.
- Page 5.25: Section 5.4.7: Replaced title and text with updated information related to the Federal Radiological Monitoring and Assessment Center (FRMAC) Operations Plan.
- Table 5.1: Changed "30 minute" augmentation category to 45 minutes, and adjusted the Emergency Communicator onshift assignment in accordance with Virginia Power - NRC submittal, SN 95-425, dated September 6, 1995, and NRC approval letter dated December 12, 1995.
- Page 6.3: Section 6.1, second paragraph: Changed time commitment for follow-up notifications to state and local authorities from 30 minutes to "approximately every 60 minutes, when conditions change or as otherwise agreed." This implements an agreement between Virginia Power and the State of Virginia, as proposed in Virginia Power letter dated November 2, 1995 (J. E. Collins to George O'N. Urquhart), and concurred via Commonwealth of Virginia letter dated December 6, 1995.
- Page 6.4:
- Section 6.1, last paragraph, deleted "to formulate recommendations to offsite agencies." The previous sentence refers to the content of emergency messages as including protective measures.
 - Section 6.2 was re-written because EPIP-4.01 is entered whenever the Emergency Plan is implemented. The previous revision indicated entry only for events that have the potential for radiological consequences.
- Page 6.8: Section 6.3.2, end, was changed to clearly indicate station evacuees are surveyed following events involving a radiological release.
- Page 6.9: Section 6.3.3.3: Changed "Employee Health Services Department" to "Employee Services, Safety and Health Department" to reflect organizational title change.

- Page 6.12: Section 6.4.4: Section was modified to clearly indicate MCV Hospital may coordinate with/redirect patients to other treatment facilities qualified in handling injured/contaminated victims.
- Pgs 7.1,2: Changed titles of various sections (7.1.6, 7.2.1, 7.2.1.3) to be consistent with internal section titles.
- Page 7.3:
- Changes "Corporate EOF" to "Central EOF" per original licensing terminology (letter dated December 6, 1982, SN: 676).
 - Added "LMC" abbreviation following first use of Local Media Center.
- Page 7.4:
- Section 7.1.3: Deleted abbreviation "(GDC)" for General Design Criteria as this was the only use.
 - Section 7.1.3, last sentence: Changed text to indicate ERFCS data is sent to multiple facilities including [list], and added the CERC. Data is also available at selected management offices. Also changed CRTs to video monitors.
 - Section 7.1.4: Corrected inappropriate capitalization of "facility."
- Page 7.7: Section 7.2.1.2: Spelled out first use of Ultra-High Frequency (UHF).
- Page 7.11: Section 7.2.3: Last sentence was modified to improve clarity.
- Page 7.14:
- Section 7.3.3: Modified text to improve paragraph structure. Only the abbreviation for ERFCS is applied here as it appears earlier in Section 7. Midas is spelled out as this is the first use in the section. The Environmental Services Group was changed to the Virginia Power Weather Center at Innsbrook.
 - Section 7.3.4: Added CEOF to ERFCS terminal locations list.
- Page 7.16: Section 7.4: Changed Richmond International Airport to Wakefield, VA as National Weather Service location.
- Page 7.17: Section 7.6, third paragraph: "Sirens" was added following "EWS" to clearly indicate it is after siren activation (i.e., the siren component of EWS) that the public is informed about protective actions.
- Page 7.18, 7.19 and Table 7.1: Added NRC to items listing NRC-related communications.
- Page 8.2: Corrected Table of Contents section titles against internal section titles, where appropriate (TOC 8.6.4).
- Page 8.3: Section 8.1: Updated position title, VP-Nuclear Engineering Services.
- Page 8.5: Section 8.2.2: Modified text to indicate the SCEP is responsible for ensuring EPNL review. The previous revision indicated the SCEP shall review the EPNL, with no designee/delegation authority, which was not the intent.
- Page 8.6: Section 8.2.3: The statement requiring the SCEP to ensure distribution of Station Emergency Plans to offsite agencies is deleted. The responsibility may also rest with NEP. It is sufficient to state that the copies will be distributed to appropriate agencies. Internal administrative procedures specify responsibility.
- Page 8.7: Section 8.3.1.c: Superintendent Nuclear Training was changed to Nuclear Emergency Preparedness to reflect current responsibility assignments.

Page 8.9:

- Section 8.3.5, "Drill" was changed to lower case.
- Section 8.3.6: Supt. Nuclear Training was changed to Nuclear Emergency Preparedness to reflect current responsibilities.
- Section 8.3.6.b: "Responder Training Records" was changed to lower case.

Page 8.10: Section 8.4: "Plan" was added to "Radiological Emergency Response" program.

Page 8.10: Section 8.4: Modified text to remove SCEP responsibility regarding conduct of offsite training.

Page 8.12: First paragraph was modified to indicate corrective actions are coordinated through EP/NEP, as appropriate.

Page 8.23: Training footnote #14: "Company Accident Prevention Manual" was changed to "the Nuclear Operations Industrial Safety and Health Accident Prevention Manual."

Section 9.1 Corrected revision number at page tops.

Page 9.3 Corrected reference to MIDAS (system).

Appx. 10.1, page 10.1.1, and Appx. 10.9:

Updated title, Radiation Emergency Plan, MCVH/VCU - Virginia Power.

Appx. 10.1, page 10.1.1, and Appx. 10.10:

Replaced Federal Radiological Monitoring and Assessment Plan (FRMAP) with Federal Radiological Monitoring and Assessment Center (FRMAC) Operations Plan.

Appx. 10.11:

- The above initiating conditions were modified to reflect the replacement of radiation monitor RM-CH-228 by 2-CH-RI-228, with corresponding radiation level thresholds appropriate for the emergency classification.
 - NOUE 7 (EAL C.11), page 10.11.5
 - Alert 8 (EAL C.8), page 10.11.11
 - SAE 7 (EAL C.6), page 10.11.20
 - SAE 11 (EAL G.1), page 10.11.22
 - GE 2 (EAL B.2), page 10.11.27