

**Enclosure 5**

**Non-Proprietary Response to RAI 13.3-2**

Contains Redacted Versions of Emergency Plans  
Suitable for Public Release

**THE COMMONWEALTH OF VIRGINIA**

**RADIOLOGICAL EMERGENCY  
RESPONSE PLAN  
(COVRERP)**

**Volume III**

**The Commonwealth of Virginia  
Emergency Operations Plan  
Peacetime Disasters**

**March, 2002**

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## FOREWORD

The Commonwealth of Virginia Radiological Emergency Response Plan (COVRERP) is Volume 3 of the Commonwealth of Virginia Emergency Operations Plan - Peacetime Disasters, which was promulgated by Executive Order Number 73 (97), Office of the Governor, July 18, 1990, to prescribe the concepts of operations and actions to be taken in the event of disasters or emergencies which may occur anywhere in the State. The authorities, concepts, procedures, and task assignments delineated in Volume II are also applicable for this annex.

The COVRERP provides a framework for the implementation and coordination of a response in the event of a peacetime emergency resulting from fixed nuclear facility incidents (including commercial and military nuclear power reactors); transportation accidents involving radioactive materials; fuel cycle or non-power reactor facilities; and any other nuclear incident or radiological emergencies, e.g., nuclear-powered satellite reentry; nuclear threat or radiological sabotage.

The construction of nuclear power facilities and the packaging and handling of radioactive or nuclear materials provide substantial safeguards against the occurrence of radiological emergencies to the public health and safety, property and the environment. Nevertheless, the implementation of the emergency actions and procedures prescribed in this plan will provide an additional level of safety in dealing with potential radiological emergencies should an incident occur or affect any area of the Commonwealth of Virginia.

The Commonwealth of Virginia Radiological Emergency Response Plan and the local government Radiological Emergency Response Plans site-specific to the Surry Power Station and the North Anna Power Station were approved by the Federal Emergency Management Agency on February 23, 1983. This approval was conditioned upon FEMA's findings on the adequacy of the Alert and Notification System (ANS) for the Surry and North Anna Power Stations' 10-mile Emergency Planning Zones.

The Alert and Notification System, respective to the Surry Power Station and the North Anna Power Station, received Federal approval by letter from FEMA dated September 7, 1987 (North Anna) and October 29, 1987 (Surry). FEMA noted in its ANS approval letters that "with (the) approval of the Alert and Notification (system), all aspects of offsite radiological emergency planning and preparedness at the (two commercial nuclear power stations) have been satisfied and are now approved by FEMA pursuant to Title 44 CFR, Part 350."

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**FOREWORD**  
(continued)

This plan complements and is designed to interface with local radiological response plans. Emergency preparedness, response and operations including protective measures delineated herein are compatible with those contained in local plans.

This revised edition includes the recently developed Mutual Assistance Agreement between local governments in the North Anna and Surry Power Station areas and the Virginia Department of Emergency Management (VDEM) in the event and/or response to a radiological incident occurring at either power station. This agreement is dated April 1995 and is subject to amendments annually, in concurrence with participating local governments and VDEM.

CAROLINE COUNTY  
RADIOLOGICAL EMERGENCY RESPONSE PLAN

March 2002

## FOREWORD

The Caroline County Radiological Emergency Response Plan was approved as an annex of the Caroline County Emergency Operations Procedure on July 9, 1995. Since then it has become a stand alone plan. Basic concepts for handling radiological emergencies are contained in Appendix 10 of the Caroline County Emergency Operations Procedure.

This Plan complements and is designed to interface with the Commonwealth of Virginia Radiological Emergency Response Plan (COVRERP) and the North Anna Nuclear Power Station Emergency Plan. Preplanned response actions for each emergency classification level, as well as protective actions delineated herein are compatible with those of the COVRERP. The implementation of the protective actions and procedures prescribed in this Plan provides a reasonable level of safety in dealing with radiological emergencies caused by incidents at the North Anna Power Station (NAPS) or by transportation accidents occurring in Caroline County involving radioactive materials.

HANOVER COUNTY  
RADIOLOGICAL EMERGENCY RESPONSE PLAN

Annex H  
to the  
Hanover County Emergency Operations Plan

March 2002

## FOREWORD

The Hanover County Radiological Emergency Response Plan is Annex H to the Hanover County Emergency Operations Plan which was approved by the Hanover County Board of Supervisors on January 13, 1993. The authorities, concepts, procedures, and task assignments delineated in the basic Emergency Operations Plan are also applicable for this Annex.

This Plan complements and is designed to interface with the Commonwealth of Virginia Radiological Emergency Response Plan (COVRERP) and the North Anna Nuclear Power Station Emergency Plan. Preplanned response actions for each emergency classification level, as well as protective actions delineated herein are compatible with those of the COVRERP. The implementation of the protective actions and procedures prescribed in this Plan provides a reasonable level of safety in dealing with radiological emergencies caused by incidents at the North Anna Power Station (NAPS) or by transportation accidents occurring in Hanover County involving radioactive materials.



**LOUISA COUNTY  
RADIOLOGICAL EMERGENCY RESPONSE PLAN**

**Annex L  
to the  
Louisa County Emergency Operations Plan**

**March 2002**

## FOREWORD

The Louisa County Radiological Emergency Response Plan is Annex L to the Louisa County Emergency Operations Plan which was adopted by the Louisa County Board of Supervisors on May 17, 1993. The authorities, concepts, procedures, and task assignments delineated in the basic Emergency Operations Plan are also applicable for this Annex.

This Plan complements and is designed to interface with the Commonwealth of Virginia Radiological Emergency Response Plan (COVRERP) and the North Anna Nuclear Power Station Emergency Plan. Preplanned response actions for each emergency classification level, as well as protective actions delineated herein are compatible with those of the COVRERP. The implementation of the protective actions and procedures prescribed in this Plan provides a reasonable level of safety in dealing with radiological emergencies caused by incidents at the North Anna Power Station (NAPS) or by transportation accidents occurring in Louisa County involving radioactive materials.

ORANGE COUNTY  
RADIOLOGICAL EMERGENCY RESPONSE PLAN

Annex R  
to the  
Orange County Emergency Operations Plan

March 2002

# Orange County Radiological Emergency Response Plan

## FOREWORD

The Orange County Radiological Emergency Response Plan is Annex R to the Orange County Emergency Operations Plan which was adopted by the Orange County Board of Supervisors on May 13, 1986. The authorities, concepts, procedures, and task assignments delineated in the basic Emergency Operations Plan are also applicable for this Annex.

This Plan complements and is designed to interface with the Commonwealth of Virginia Radiological Emergency Response Plan (COVRERP) and the North Anna Nuclear Power Station Emergency Plan. Preplanned response actions for each emergency classification level, as well as protective actions delineated herein are compatible with those of the COVRERP. The implementation of the protective actions and procedures prescribed in this Plan provides a reasonable level of safety in dealing with radiological emergencies caused by incidents at the North Anna Power Station (NAPS) or by transportation accidents occurring in Orange County involving radioactive materials.

SPOTSYLVANIA COUNTY  
RADIOLOGICAL EMERGENCY RESPONSE PLAN

Annex O  
to the  
Spotsylvania County Emergency Operations Plan

March 2002

## FOREWORD

The Spotsylvania County Radiological Emergency Response Plan is Annex O to the Spotsylvania County Emergency Operations Plan which was approved by the Spotsylvania County Board of Supervisors on April 13, 1993. The authorities, concepts, procedures, and task assignments delineated in the basic Emergency Operations Plan are also applicable for this Annex.

This Plan complements and is designed to interface with the Commonwealth of Virginia Radiological Emergency Response Plan (COVRERP) and the North Anna Nuclear Power Station Emergency Plan. Preplanned response actions for each emergency classification level, as well as protective actions delineated herein are compatible with those of the COVRERP. The implementation of the protective actions and procedures prescribed in this Plan provides a reasonable level of safety in dealing with radiological emergencies caused by incidents at the North Anna Power Station (NAPS) or by transportation accidents occurring in Spotsylvania County involving radioactive materials.