



Federal Emergency Management Agency

Washington, D.C. 20472

MAY 1 1985

MEMORANDUM FOR: Edward L. Jordan
Director
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission

FROM: *Richard W. Krimm*
Richard W. Krimm
Assistant Associate Director
Office of Natural and Technological
Hazards Programs

SUBJECT: Exercise Evaluation Report on the Offsite Radiological
Emergency Preparedness Exercise at the North Anna Power Station

50-338
50-339

Attached are two copies of the Exercise Evaluation Report for the November 15, 1984, exercise of the offsite radiological emergency preparedness plans for the North Anna Power Station. The exercise report dated January 18, 1985, was prepared by the Region III staff of the Federal Emergency Management Agency. Also attached is a copy of the corrective action schedule submitted by the Commonwealth of Virginia.

The exercise report cites a Category A deficiency for Louisa County which resulted from the failure of the Louisa County Acting Coordinator of Emergency Services to contact the State Emergency Operations Center (EOC) for clarification of the Governor's evacuation order, thus, resulting in a 35-minute delay in implementing the protective action. The confusion resulted from differences in the onsite and offsite scenarios during the General Emergency phase of the exercise, which caused Louisa County Officials to reach an inappropriate decision on implementing the protective action. Exercise participants had agreed during exercise design to run a separate onsite and offsite scenario during part of the exercise in order to generate evacuation actions in all jurisdictions. However, for a period of time Louisa County continued to play on the basis of the onsite scenario. Thus, the noted Category A deficiency was artificially created by the scenarios and exercise control failures. A remedial exercise will not be required for the Category A deficiency since the Commonwealth of Virginia and Louisa County have committed to proper coordination in the future which should alleviate confusion in implementing protective action recommendations.

In light of the schedule of corrective actions submitted for the Category A and B deficiencies, there is reasonable assurance that appropriate protective measures can be implemented by offsite authorities in the event of an accident at the North Anna Power Station. Therefore, the 44 CFR 350 approval granted by FEMA on February 23, 1983, will remain in effect.

If you have any questions, please contact Mr. Robert S. Wilkerson, Chief, Technological Hazards Division, at 646-2861.

Attachment
As Stated

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Federal Emergency Management Agency

Region III 105 South 7th Street Philadelphia, Pennsylvania 19106

February 11, 1985

MEMORANDUM FOR: Robert S. Wilkerson, Chief
Technological Hazards Division

ATTENTION: Gloria Joyner

FROM: James R. Asher, Chairman
Regional Assistance Committee

SUBJECT: North Anna Exercise Corrective Actions

Enclosed for your information is a copy of the follow-up response, as provided by the Commonwealth of Virginia, in clarifying proposed and completed corrective actions for deficiencies/recommendations identified during the North Anna Power Station REP Exercise conducted on November 15, 1984.

Attachment



COMMONWEALTH of VIRGINIA

A. E. SLAYTON, JR.
Acting State Coordinator

Department of Emergency Services

February 4, 1985

310 Turner Road
Richmond, Virginia 23225-6491
(804) 323-2899

Mr. James R. Asher
Chairman, Regional Assistance Committee
Federal Emergency Management Agency
Region III
Sixth and Walnut Streets
Philadelphia, Pennsylvania 19106

Dear Mr. Asher:

This is in reply to your letter dated January 21 concerning our comments on the North Anna Power Station Exercise Report. We provide the following statements to clarify our previous response.

Item 12

On January 3, 1985, the State Department of Emergency Services initiated a telephone conversation with the Caroline County Coordinator of Emergency Services concerning exercise deficiencies and proposed corrective actions. The Coordinator agreed, on this date, to seek information from the State EOC on ingestion pathway protective actions in the absence of information being made available from the State. As regards this item, the State Deputy Director of Operations in the State EOC has agreed to cause on-going status reports of emergency/exercise activities to be provided to local governments in the plume and ingestion exposure pathways.

This corrective action has already been taken.
Date: January 3, 1985.

Item 26

Spotsylvania County has agreed to clearly demonstrate route alerting and route alerting procedures during future exercises and to assure that the assigned federal representative observes this action.

This corrective action was discussed and agreed to on January 2, 1985.

The following is the revised projected dates for completion of the noted corrective actions:

Category A

Item 1 - December 1984 - January 1985

Category B

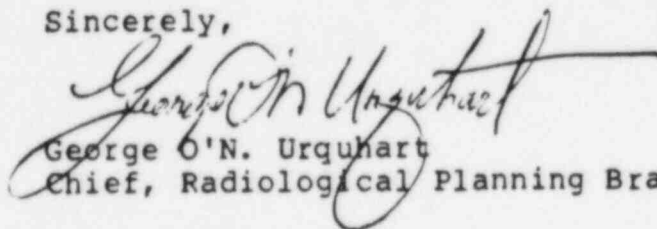
- Item 1 - January 1985.
- Item 2 - In process.
- Item 3 - Under discussion; October 1985.
- Item 4 - On-going training being provided.
- Item 5 - On-going training being provided.
- Item 6 - On-going training being provided.
- Item 7 - Under discussion; meeting held January 1985.
- Item 8 - In process; October 1985.
- Item 9 - On-going training being provided;
recordkeeping cards/sheets emphasized.
- Item 10 - Under discussion; meeting held December 1984.
- Item 11 - Discussed and agreed. January 8, 1985.
- Item 12 - See statement above.
- Item 13 - Action taken; January 1985.
- Item 14 - Discussed; January 1985.
- Item 15 - Discussed; January 1985.
- Item 16 - Discussed; January 1985; plans being developed.
- Item 17 - Discussed; January 1985; prescribed message
format being developed.
- Item 18 - On-going training being provided; January 1985.
- Item 19 - On-going training being provided; January 1985.
- Item 20 - On-going training being provided; January 1985.
- Item 21 - In process; prescribed message format
being developed.
- Item 22 - Discussed and agreed; December 1984.
- Item 23 - Under discussion; installation scheduled
for June 1985.
- Item 24 - Discussed; January 1985.
- Item 25 - On-going training being provided.
- Item 26 - See statement above.
- Item 27 - Discussed; December 1984; revised plans
being developed.
- Item 28 - Discussed; December 1984; plans in place.
- Item 29 - Training in progress; January 1985.
- Item 30 - Discussed; January 1985; staff currently
reviewing procedures.
- Item 31 - Refresher training provided December 1984;
monthly tests of the computer network to
include hardcopy transmission of information
is being scheduled with local governments.

Mr. James R. Asher
Page Three
February 4, 1985

- Item 32 - Discussed at a January 1985 training session; on-going training for field deployment is being provided.
- Item 33 - Discussed; January 1985.
- Item 34 - Discussed; December 1984; new location under study.
- Item 35 - Discussed; January 1985; Coordinator has made provision to effectively employ status board in exercises and/or emergencies.
- Item 36 - Antennae cable work has been scheduled; January 1985.
- Item 37 - Discussed; January 1985; plans underway to accommodate press representatives in Hanover media briefing room.
- Item 38 - Corrective action will be discussed with local government officials and other principal parties at a meeting scheduled for February 1985.
- Item 39 - The North Anna Computer Network, as of January 1985, is in place, operational, and has been tested; will be used to provide the exchange of hardcopy news releases.
- Item 40 - Discussed; December 1984.. County currently making provision to utilize a status board in the EOC.
- Item 41 - Orange County has requisitioned appropriate communications links to be installed between the two facilities; January 1985.
- Item 42 - This item was discussed at a December 1984 meeting; arrangements have been made to relocate message center.
- Item 43 - Discussed at the December 1984 meeting; message logs were reviewed for deletion of non-essential information; new procedures being discussed with message journal clerks.
- Item 44 - On-going training will be provided to all EOC and EAC personnel; discussed and scheduled at the December 1984 meeting.

Should you have any questions concerning this subject or any of the above information, please feel free to call me.

Sincerely,


George O'N. Urquhart
Chief, Radiological Planning Branch

GCU/nas



Federal Emergency Management Agency
REGION III

January 21, 1985

Mr. George Urquhart
Department of Emergency Services
310 Turner Road
Richmond, Virginia 23225

Dear Mr. Urquhart:

This is to formally acknowledge receipt of your written response to the North Anna Power Station Exercise Evaluation Report for the Radiological Emergency Preparedness Exercise conducted on November 15, 1984.

The proposed corrective actions and projected completion dates for each of the listed deficiencies and recommendations have been reviewed and, in general, appear to satisfactorily resolve the identified concerns.

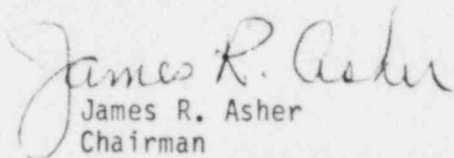
In addition, due to the nature of the Category A deficiency identified in Louisa County, and with the understanding that subsequent contact with Louisa County officials has indicated that in the future the County will respond to protective action directions received from the State in a timely manner, it has been determined that a remedial exercise or drill will not be necessary in order to correct this deficiency. However, your assistance in clarifying the following concerns is requested.

1. The proposed corrective action for the Category B deficiency numbered 12 does not indicate definitive actions to be taken to avoid the recurrence of this deficiency in future exercises.
2. Although it is reported under Corrective Action numbered 26 that route alerting procedures were demonstrated by Spotsylvania County, the federal observer's report of activities and exercise logs and message forms do not indicate the dispatch of, contact with, or completion of route alerting activities. It is recommended that the next full-scale exercise scenario for jurisdictions surrounding the North Anna Power Station ensures the completion of route alerting procedures in Spotsylvania County to permit the focused federal observation of the activation.

3. In general, the projected dates for all of the corrective actions should be reviewed so as to indicate the date of projected completion of each activity, and revised as necessary.

Your continued assistance and cooperation in resolving the recommendations and deficiencies raised during this exercise are appreciated. Please provide your response to the above listed items to my attention at your earliest convenience, but not later than February 15, 1975.

Sincerely,



James R. Asher
Chairman
Regional Assistance Committee



COMMONWEALTH of VIRGINIA

Department of Emergency Services

A. E. SLAYTON, JR.
Acting State Coordinator

310 Turner Road
Richmond, Virginia 23225-6491
(804) 323-2899

January 7, 1985

Mr. James R. Asher
Chairman, Regional Assistance Committee
Federal Emergency Management Agency
Region III
Sixth and Walnut Streets
Philadelphia, Pennsylvania 19106

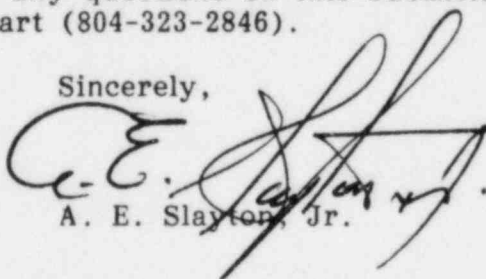
Dear Jim:

This is in reply to your letter dated December 18, 1984, which transmitted the Exercise Evaluation Report (draft) for the North Anna Radiological Emergency Preparedness Exercise conducted on November 15, 1984.

We have reviewed the interim report and, with few exceptions, accept its recommendations. Copies of the report were distributed to major exercise participants who were invited to comment on their respective elements. A consolidated response of comments and a schedule of corrective actions to identified deficiencies/recommendations is attached.

Should you have any questions on this submittal, please contact George Urquhart (804-323-2846).

Sincerely,


A. E. Slayton, Jr.

AESjr/GOU/nas

Attachment

cc: NAPS Area Local Governments
M. M. Cline
C. C. Sawtelle, Jr.
J. L. Tribble

Attachment

The following sheets list the numbered deficiencies/recomendations contained in Pages 47-61 of the NAPS draft Exercise Evaluation Report and State corrective comments and projected date of response.

SUMMARY OF CATEGORY "A" DEFICIENCY

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
<u>Louisa County</u>			
1. After receiving the Governor's evacuation directive, which EOC staff perceived to be inappropriate, County officials failed to contact the State EOC for clarification, resulting in a thirty-five minute delay in implementing the protective action. In order to assure a coordinated response, thus minimizing public confusion, County officials should contact the State EOC promptly regarding questions on directions or instructions, and protective actions should be completed on a timely basis.	J.9	<p>1. The Louisa County Acting Coordinator of Emergency Services and his Deputy, upon receiving the Governor's evacuation directive, proceeded to discuss this proclamation with members of the local governing body, and with other emergency services personnel. This directive was also discussed with the State's Acting Regional Coordinator. The point of discussion: How was it possible for areas in Louisa County to be affected by the radiological incident at the NAPS when, up to the time of the order, reports from the power station consistently showed wind and plume pathway to be away from Louisa? Emergency services coordinators in adjacent jurisdictions were also called to discuss this matter. It was soon discovered by Louisa that all other jurisdictions within the ten-mile EPZ were directing evacuation in accordance with the directive from the State EOC. As soon as these reports were received, Louisa County officials immediately ordered evacuation for the "affected" portions of the County.</p> <p>The major cause of the delay in implementing the directive was that the NAPS technical scenario and the scenario for off-site authorities, which called for evacuation out to ten miles in all directions differed during the General Emergency Phase. The dual scenario was required to cause sufficient plan implementation and maximum participation in all jurisdictions, regardless of wind direction and other plant-generated data.</p> <p>In the future, jurisdictions will implement protective actions based on the exercise scenario, State directives or best available information. Also, every effort will be made to ensure that any confusion caused by dual scenarios will be minimized.</p>	May '86*
*Scheduled date for the next joint full-scale exercise of NAPS.			

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
<u>Commonwealth of Virginia</u>			
1. The State Operations Officer should ensure that all documents concerning protective actions, to include the Governor's Proclamation of Emergency, conform with current protective action recommendations/decisions.	E.5	1. Every effort will be made to ensure that the Governor's Proclamation of Emergency conforms with current protective action recommendations/decisions.	May '86
2. The need for heightened coordination and sharing of information received by the BRH at the State EOC should be emphasized with BRH staff. Updates to radiological/meteorological conditions should be immediately forwarded to the appropriate individuals/organization.	E.5 J.9	2. An abbreviated radiological status conditions form is being developed for use with the North Anna Computer Network system. This will facilitate the transmission of more frequent and timely information to appropriate agencies and organizations.	May '85
3. Communication to the Counties regarding the timing of the simulated EBS and siren activation was belated, and no advance coordination with the primary siren activation point was demonstrated. Future exercises should actually demonstrate activation of the siren and EBS systems.	E.5 F.1.b.	3. We agree that future exercises should include an actual demonstration of the activation of the siren and EBS systems.	May '86

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
4. The Department of State Police should ensure that all police department emergency workers are issued TLDs and instructed to maintain record keeping cards. (See Louisa County report.)	K.3.a. K.3.b.	4. This observation resulted from an isolated incident. The Department of State Police has issued TLDs and record keeping cards to all emergency workers. Also, all State Police emergency workers have received instructions on the use of instruments and record keeping.	May '85
<u>State/Local Radiological Monitoring Teams</u>			
5. Field teams should be briefed with regard to meteorological conditions by the EOF prior to their deployment to the field.	J.9	5. In the future, we will ensure that the EOF will include meteorological conditions in field team briefings prior to their deployment into the field.	May '86
6. Additional training should be provided to team members with regard to decontamination procedures, maximum dose allowed without authorization, and instructions regarding procedures to be followed if dose limits are exceeded.	K.3.a. 0.4.c.	6. On-going training will be continued with regard to decontamination procedures, maximum dose allowed without authorization, and instructions regarding procedures to be followed if dose limits are exceeded.	May '86
7. Communications should be maintained between the field teams and the EOF throughout the course of the exercise as to team locations, plant conditions, etc.	F.1.d.	7. We will ensure that radio contact is maintained to improve communications between field teams and the EOF. Also, we will increase our frequency of contact with field teams and the EOF.	May '85

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
<u>Agricultural Sampling Team</u>			
8. Field sampling teams should be provided with two-way radios in their vehicles to permit the timely exchange of information.	F.1.d.	8. Two-way radios for field sampling teams is currently being scheduled for installation in order to permit the timely exchange of information.	May '86
9. Recording keeping cards should be issued to sampling teams members along with other dosimetry equipment.	K.3.a. K.3.b.	9. Record keeping cards will be issued to sampling team members as recommended.	May '86
<u>News Media Center</u>			
10. The Department of Emergency Services and Public Information staff should review information flow processes to the News Media Center to ensure the timely transmission of information regarding plant status.	E.5 G.4.b.	10. The Department of Emergency Services planning, operations, and public information staff and the licensee have met and reviewed information flow processes to the News Media Center to ensure the timely transmission of information regarding plant status.	May '86
<u>Caroline County</u>			
11. One access point to the EOC designed for use by the media was left unmonitored for an extended length of time. Arrangements should be made to prevent this in future exercises.	J.10.j.	11. Security to all EOC access points will be provided by local government.	May '86

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
12. The State EOC did not initiate any discussion with the County regarding ingestion pathway protection actions. In the absence of such State initiative, the County should have sought information concerning the ingestion pathway.	J.9 J.11	12. In the event the State EOC does not initiate transmittal of information regarding the ingestion pathway protection actions, local government should seek out information.	May '86
13. Protective clothing was not available to County emergency workers in the field. Some of this type equipment, which is available at the County EOC, should be prepositioned at a more convenient location.	K.3.a.	13. Based on the exercise, the County has relocated some protective clothing to the Ladysmith Rescue Squad Building which is located 10 miles from the power station in Caroline County--just outside the plume EPZ.	May '86
<u>Hanover County</u>			
*14. Security should be more fully demonstrated during future exercises.	J.10.j.	14. Adequate security was demonstrated at the EOC with a person positioned adjacent to the "sign-in" sheet at the EOC entrance. Other access doors were locked to prevent unauthorized entrance.	May '86
15. Elected officials should take a more active role in future exercises.	A.2.a.	15. Elected County officials will be urged to be present at future exercises.	May '86
16. If the County continues to use the operations room used in this and past exercises, a drop off for the Instaphone and additional telephone lines should be installed at the EOC. It is noted that this was an identified deficiency in the previous exercise.	F.1.d. N.5	16. Hanover County plans to construct a Public Facility Building in FY87 which will include a communications center designed to effectively address the concerns for adequate telephone lines and instaphone.	May '86

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
17. The EOC staff need to better develop their plans for route alerting. The EMC is unaware of how many vehicles would be needed or the path that they would take. Also, a general, prescribed message should be developed that these teams will broadcast. It is recommended that they alert residents to tune to their EBS station.	E.5 E.6 J.10.c.	17. For future exercises, a prepared prescribed statement will be developed to be broadcast by teams involved in route alerting. Such messages will alert residents to tune into their EBS station. Also plans for route alerting will be further refined as needed.	May '86
18. The RADEF Officer should refamiliarize himself with the procedures established for emergency worker radiological exposure control.	J.9 O.1	18. On-going training will continue to sharpen County workers familiarity with established procedures for emergency worker radiological exposure control.	May '86
19. Emergency workers should be fully briefed on the maximum dose allowable without authorization.	J.9 K.4 O.4.g.	19. Emergency workers will continue to be briefed on the maximum dose allowable without authorization through an on-going training program.	May '86
<u>Louisa County</u>			
20. Some emergency workers observed in the field were unfamiliar with the radiation exposure limit. Emergency workers should be fully briefed on the maximum dose allowable without authorization.	J.9 K.4 O.4.g.	20. There will be an increased emphasis placed on training of emergency workers including training in radiation exposure limits and maximum dose allowable procedures.	May '86

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
21. Route alerting teams simulated broadcasting a message which, according to County officials, would have advised residents to evacuate. In the interest of time and clarity, a general, pre-scripted message is recommended, instructing residents to tune to their EBS station.	E.5 E.6	21. The County will develop a prescribed message instructing residents to tune to their EBS station for further instructions.	May '86
<u>Spotsylvania County</u>			
22. The Superintendent of Schools acts as liaison between the EOC and EAC at the County. After reporting to the EOC, however, he left because of other commitments. This is a very important position that should be manned to coordinate response activities between the EOC and EAC, thereby relieving key decision-makers of this additional function.	A.1.e.	22. In the absence of superintendent of schools, an alternate representative such as the assistant superintendent will be assigned his duties. In this particular exercise, the EOC was adequately staffed and the EOC coordinator made a decision to let the superintendent leave for other duties. The EOC coordinator accepted full responsibility for this action.	May '86
23. It is recommended that a drop off of the Instaphone be located in the EOC Operations area which would permit direct communications between the EMC and the decision-makers at the State EOC, EOF and other risk counties.	F.1.d.	23. This is presently under study, and if a drop off line is needed to improve communication, it will be added.	June '85

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
24. County operations staff are not aware of any protective action procedures for farmers in the area who may request to reenter the EPZ in order to feed and milk their livestock. The County Extension Agent should work with the State Department of Agriculture to clarify established procedures to protect these individuals.	J.10.e. J.11 K.4 O.1	24. For future exercises, the State Department of Agriculture will continue to coordinate its procedures with local government to ensure the protection of farmers in the area. The State Department of Agriculture has procedures for contacting dairy farmers directly in case of emergency.	May '86
25. Briefings to field workers should include procedures in the use of KI and maximum doses allowable without authorization.	J.9 J.10.e. K.4 O.4.g.	25. A continuing on-going training program by the County and State addresses the use of KI in times of emergencies. Procedures for its use and guidelines for its distribution will be refined.	May '86
26. The County did not demonstrate route alerting procedures. It is noted that this was an identified deficiency in the previous exercise and should have been demonstrated during this exercise.	E.5 N.5	26. According to County officials, routing procedures were demonstrated.	N/A

SUMMARY OF CATEGORY "B" DEFICIENCIES

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
27. The physical layout at the entrance to the EAC should be revised in order to eliminate the possibility of contaminating "clean" evacuees and emergency workers. The following areas should be considered: -contaminated evacuee area and the registration area should be set further apart; -contaminated individuals should be registered after decontamination; -following decontamination, women should not have to pass through a contaminated area to enter the EAC.	K.5.b	27. This was the first time Spotsylvania County used Battlefield Intermediate School as the EAC, and upon advice from State Radiological Health representatives, developed a physical layout and procedures for handling evacuees. Further refinements to these procedures will be forthcoming based on the results of this exercise.	May '86
28. At one point in the exercise, individuals were observed entering the EAC through the kitchen area. This could pose a potential problem during an emergency, should these individuals be contaminated. Actions should be taken to provide better access control to the EAC.	J.10.j. K.5.b.	28. Spotsylvania County agrees to provide better access control at the EAC for exercises/emergencies.	May '86

SUMMARY OF CATEGORY "B" RECOMMENDATIONS

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
<u>Commonwealth of Virginia</u>			
29. Additional training should be provided to back-up support staff responsible for message handling and status board updates.	0.1	29. Additional training will be provided to back-up personnel responsible for message handling and status board updates.	May '86
30. BRH information handling procedures should be reviewed for possible improvement, to include the need for clarification of messages received if not completely clear.		30. Information processing procedures will be reviewed to include the need for clarification of messages received.	May '86
31. The EOC PIO should utilize available hard copy transmission devices (telefax, VCIN or the new computer network) to provide the Counties with timely information updates.	6.4.b.	31. The EOC PIO will utilize the computer (primary means) or other available means to provide the County with timely information updates for future exercises.	May '86
<u>State/Local Radiological Monitoring Teams</u>			
32. It is recommended that the joint teams expeditiously prepare for field deployment at the staging area to allow for immediate deployment upon direction from the EOF.	I.8	32. The joint teams will continue their training activities to ensure rapid deployment upon direction by the EOF during exercises/emergencies.	May '86

SUMMARY OF CATEGORY "B" RECOMMENDATIONS

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
33. Consideration should be made for more extensive use of the field teams' capabilities, i.e., the monitoring of additional locations and a greater variety of samples, including water, soil and/or vegetation.	I.8	33. Consideration will be given for more extensive use of the field team's capabilities.	May '86
<u>News Media Center</u>			
34. It is recommended that a working area be set aside for PIO staff use, secluded from the media briefing area.		34. A working area will be set aside for PIO staff use, to be separated from the media briefing area.	May '86
<u>Caroline County</u>			
35. All significant incoming and outgoing EOC messages should be logged. Significant on and off-site events, including emergency classification levels, should be posted and updated in order to enable newly arrived staff to quickly orient themselves as to the status of the emergency response.		35. A status board will be utilized to record significant incoming and outgoing EOC messages.	May '86

SUMMARY OF CATEGORY "B" RECOMMENDATIONS

Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
<u>Hanover County</u>			
36. The antennae cable for the RACES equipment had been severed, requiring the RACES staff to operate from their vehicle outside of the building, somewhat delaying the receipt of messages. The antennae cable should be repaired.	F.1	36. The antennae cable will be repaired.	May '86
37. A larger room providing seating for anticipated press representatives would better accommodate media functions. Additional maps, such as the EPZ and Evacuation Route maps, would be extremely helpful in accomplishing more effective briefings.	J.10	37. Additional maps and a larger room for media functions will be considered within present building constraints. Note #16.	May '86

SUMMARY OF CATEGORY "B" RECOMMENDATIONS

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
<u>Louisa County</u>			
38. County officials strongly favor using the siren system and EBS to provide early warning to the public, preferably at the Site Area Emergency phase. This does not conform to the State's policy of using the sirens and EBS to alert and notify the public at the time protective actions are announced. It is recommended that County and State officials resolve this issue by developing a coordinated approach towards the use of the siren and EBS public notification systems.	E.5	38. Options for sounding the sirens and EBS are being considered at present with appropriate parties.	May '86
39. The capability for the exchange of hard copy news releases among the County EOC, State EOC and the Joint Media Center was not available at the County. In order to permit effective coordination of news releases between the County and State PIOs, some means for transmitting and receiving hard copy news releases should be established and used at the County EOC.	G.4.b.	39. The North Anna Network system will be utilized for this function.	May '86

SUMMARY OF CATEGORY "B" RECOMMENDATIONS

Deficiency/Recommendation	Recommendation NUREG-0654 Part II	Correction	Proj'd Date
40. It is recommended ⁷ that a large, clearly visible status board be utilized at the County EOC.		40. Louisa County will utilize a large, clearly visible status board at the County EOC.	May '86
<u>Orange County</u>			
41. It is recommended that a dedicated line or other direct communication link between the Dispatcher's Office and the EOC be established.	F.I.d.	41. This recommendation for a line linking the dispatcher's office with the EOC will be accomplished.	June '85
<u>Spotsylvania County</u>			
42. The EOC operations room is a somewhat congested area when all staff are present. It is recommended that the message center be relocated to the room immediately adjacent to the operations room to alleviate some of this congestion.		42. This recommendation is presently being considered by County officials.	May '86

SUMMARY OF CATEGORY "B" RECOMMENDATIONS

Deficiency/Recommendation	Reference NUREG-0654 Part II	Correction	Proj'd Date
43. Message center personnel maintain an official copy of all messages and are responsible for maintaining the status boards and official message logs. To relieve some of the demands placed on message center personnel, message logs should contain only essential information, not the entire text of the message.		43. Message logs will be reviewed to see if they can be streamlined to contain essential information only. Naturally, the County must decide what is essential and what isn't.	May '86
44. Although the staff in the EAC knew their individual assignments, the EAC Manager did not provide sufficient supervision and coordination to combine these individual functions into a smoothly run operation. The staff were informed of the status of activities during the exercise.	0.4.	44. On-going training will be forthcoming to improve overall performance of EAC personnel. Note #27 response.	May '86