



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

RAC

August 29, 1984

Docket Nos: 50-413
and 50-414

MEMORANDUM FOR: The Atomic Safety and Licensing Board for
the Catawba Nuclear Station, Units 1 and 2
(M. Margulies, R. Lazo, F. Hooper)

FROM: Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

SUBJECT: BOARD NOTIFICATION REGARDING FEMA INTERIM FINDINGS ON
OFFSITE RADIOLOGICAL EMERGENCY RESPONSE PREPAREDNESS
FOR CATAWBA NUCLEAR STATION (BN 84-151)

This Notification is provided in accordance with NRC procedures regarding Board Notifications and is deemed to provide information material and relevant to safety issues in the Catawba OL proceeding. The appropriate parties are being informed by copy of this memorandum.

The enclosed memorandum (Enclosure 1) from Richard Krimm, Assistant Associate Director, Office of Natural and Technological Hazards Programs, FEMA, dated July 27, 1984, forwards FEMA Interim Findings on Offsite Radiological Emergency Response Preparedness for the Catawba Nuclear Station. This information responds to a June 7, 1984, memorandum (Enclosure 2) from NRC (E. L. Jordan) to FEMA (R. W. Krimm) requesting supplementation of FEMA Interim Findings letter of May 8, 1984.

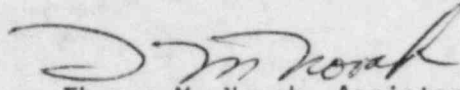
Attached to the July 27 memorandum are letters from the State of South Carolina dated April 24, 1984, and a letter from the State of North Carolina dated May 22, 1984. They respond to the Regional Assistance Committee (RAC) review as documented in the April 17, 1984, Interim Findings Report transmitted to the NRC with the May 8, 1984, FEMA Interim Findings (previously submitted to the Board as Staff Exhibits EP-3 and -3A).

Based on a review of all of the above information and the results of the full participation exercise conducted February 15-16, 1984, FEMA finds that the State and local emergency plans are adequate and the exercise demonstrated that the offsite preparedness is adequate to provide reasonable assurance

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NO05

that appropriate measures can be taken to protect the health and safety of the public living in the vicinity of the Catawba Nuclear Station in the event of a radiological emergency.



Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

Enclosures:
As stated

cc: EDO
Parties to the Proceeding
See next page
ACRS (10)

DISTRIBUTION LIST FOR BOARD NOTIFICATION

Catawba Units 1&2, Docket Nos. 50-413/414

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Appeal Panel
Atomic Safety and Licensing
Board Panel
Docketing and Service Section
Document Management Branch
Palmetto Alliance

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Federal Emergency Management Agency

Washington, D.C. 20472

JUL 27 1984

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: Interim Findings on Offsite Radiological Emergency Response
 Preparedness (RERP) for the Catawba Nuclear Station

Reference is made to my memorandum dated May 8, 1984, subject as above and your memorandum dated June 7, 1984.

Attached is a letter from the State of South Carolina dated April 24, 1984, and a letter from the State of North Carolina dated May 22, 1984. They respond to the Regional Assistance Committee (RAC) review as documented in the material attached to my May 8, 1984, memorandum.

Based on a review of the above information and the results of the full participation exercise conducted February 15-16, 1984, FEMA finds that the State and local emergency plans are adequate and the exercise demonstrated that the offsite preparedness is adequate to provide reasonable assurance that appropriate measures can be taken to protect the health and safety of the public living in the vicinity of the Catawba Nuclear Station in the event of a radiological emergency.

If you have any questions on the above, please contact Mr. Robert S. Wilkerson, Chief, Technological Hazards Division, at 287-0200.

Attachments
 As Stated

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67-11

North Carolina

Crime Control & Public Safety

116 West James Street

Raleigh, 27611

James B. Hunt, Jr., Governor
Herman R. Clark, Secretary

May 22, 1984

Division of Emergency Management
(919) 733-3200

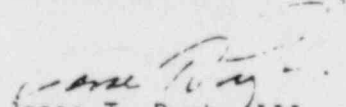
Mr. Glenn C. Woodard, Jr.
Chairman, RAC IV
Federal Emergency Management Agency
Region IV
1375 Peachtree Street, N. E.
Atlanta, Georgia 30309

Dear Mr. Woodard:

Enclosed is the response to the Regional Assistance Committee's informal evaluation comments of the Off-Site Radiological Emergency Response Plans (January 1984 revision) for the Catawba Nuclear Station.

If you have comments concerning the actions proposed by the attachment to this letter, please forward them in time for consideration prior to the distribution of the planned changes.

Sincerely,


Jesse T. Pugh, III

JTPIII:br

Enclosure

cc: Ron Harris, Duke Power

I. ASSIGNMENT OF RESPONSIBILITY (ORGANIZATION CONTROL - NUREG ITEM-A.3)

Action will be taken to incorporate letters of agreement for private agencies having emergency response roles prior to the distribution of the planned changes. These agreements will include information outlined in NUREG-0654 Criteria. Gaston Memorial Hospital and Gaston County Emergency Medical Services are not private agencies, therefore, agreements are not necessary.

II. EMERGENCY RESPONSE SUPPORT AND RESOURCES NUREG ITEM -C.4.

Efforts toward updating letters of agreement with individuals and organizations have already begun by the Radiation Protection Section. Since the completion of this task involves a number of individuals and agencies, a great deal of coordination is necessary. Therefore, all agreements may not be incorporated in the final plan but will be in the subsequent changes. This delay will not impede emergency operations procedures.

III. PROTECTIVE RESPONSE - NUREG ITEM - J.10.a.

Preselected radiological monitoring and sampling points are normally not shown on the operations map. This information is the responsibility of the Radiation Protection Section, North Carolina Department of Human Resources (RPS) and is included on maps utilized by RPS. Therefore, no action needs to be taken.

IV. PROTECTIVE RESPONSE - NUREG ITEM -J.12

The need for letters of agreement from the Red Cross have been brought to the attention of county emergency management personnel. Agreements will be incorporated in the next planned changes and will include information on registering of evacuees. Monitoring of evacuees is not a Red Cross responsibility. Monitoring operations will be implemented by fire and rescue departments of Gaston and Mecklenburg Counties.

V. EXERCISES AND DRILLS - NUREG ITEM - N.2.a.

Annex I will include page 90 as a reference in the next plan revision.

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JH

The State of South Carolina
Military Department



OFFICE OF THE ADJUTANT GENERAL

April 24, 1984

T. ESTON MARCHANT
MAJOR GENERAL
THE ADJUTANT GENERAL

Mr. Glenn C. Woodard, Chairman
Regional Assistance Committee
FEMA, Region IV
Suite 664
1375 Peachtree Street, NE
Atlanta, Georgia 30309

Dear Mr. *Glenn* Woodard:

The following are the South Carolina responses to the RAC Review of the Catawba Plans.

NUREG ITEM: A.3.

RAC Comment: Private sector organizations with responsibilities assigned in the plan should have letters of agreement in the plan. These l.o.a.'s should meet NUREG-0654 criteria.

SC RESPONSE: Concurr. In the next update of the Catawba Plans, letters of agreement will be included for private sector organizations.

NUREG ITEM: G.4.c.

RAC COMMENT: Rumor control arrangements are not discussed in plan. A narrative discussion is needed giving specific responsibilities for rumor control and describing coordination arrangements.

SC RESPONSE: Disagree. On page 32-33, Section 12 of SCORERP it states that it is the responsibility of the media center staff to prevent rumors from reaching the public. Additionally, the Catawba Brochure that is being revised will have specific telephone numbers to call in the event the public has heard a rumor.

NUREG ITEM: H.11.

RAC COMMENT: Emergency Kits by general category (protection equipment, communications, etc.) are not listed in an appendix as prescribed in NUREG-0654.

SC RESPONSE: Concurr. The next revision of the Catawba Plans will have an appendix (SCORERP and York County Plan) describing emergency kits and communications.

Protective Equipment:

York County has approximately 100 kits stored in shelters within the county totaling as follows:

Quantity:

66 - CDV 700 - Low Range Monitor
167 - CDV 715 - High Range Monitor
16 - CDV 717 - High Range Monitor
167 - CDV 750 Dosimeter Charger
1002 - CDV 742 Dosimeter

Emergency Communications:

The SC communications 18-wheel van used for deployment in all emergencies contains the following communications capability:

- Facsimile by land-line
- *● SC EPD Local Government Radio (LGR)
- SC Wildlife and Marine Resources
- *● SC Highway Patrol
- SC Highway Maintenance
- *● (10) Regional Law Enforcement Mutual Aid
- SC Forestry Commission
- State Law Enforcement Division
- *● SC National Guard (HF) (VHF)
- FEMA CDNARS
- CAP (HF) (VHF)

Emergency Communications (cont):

- *● RACES (HF) (VHF)
- *● Plus an additional four portable base stations on SC EPD LGR Network
 - 10 hand held walkie-talkies on SC EPD LGR Network

*These communications systems have direct contact with York County.

NUREG ITEM: J.10.a.

RAC COMMENT: Preselected radiological sampling and monitoring points for the plume exposure pathway are not on the operations map submitted.

SC RESPONSE: Disagree. SC does not indicate sampling and monitoring points on the operations map. This is a DHEC responsibility and those maps are maintained by DHEC for deployment to FEOC. (See D.4 pg 3 SCORERP) (See XII maps pg B-5 STRERP)

NUREG ITEM: J.10.d.

RAC COMMENT: There is no listing of special facilities (with number of occupants) for the mobility-impaired or institutionalized and no listing of resources to assist in the evacuation of this segment of the population. Plan also does not define "special facilities" and does not indicate that the county has identified the mobility-impaired.

SC RESPONSE: Each item will be addressed separately. ● Item concerning list of special facilities: concur. Duke Power, the State of SC and York County are in the process of researching and obtaining an accurate list of special facilities and the mobility-impaired. Once this information is obtained it will be included in the next revision of the plan and kept on file in the York County EOC to update annually.

● Item concerning resources to assist in evacuation: Disagree. (See Annex L - York County Plan section II. Situation pg L-1.) (See annex Q York County Plan, Section II.k. Transportation pages Q24-25.)

- Item Concerning definition of "special facilities": Disagree. "Special Facilities" are defined on pg D-1, Annex D, Catawba Site-Specific.

NUREG ITEM: J.10.k.

RAC COMMENT: Plan needs clarification of procedures by which the Transportation Coordinator would deal with special evacuation problems. Potential impediments to evacuation routes are not addressed. While the SC Comprehensive Disaster Preparedness Plan describes the authority and operations of the Forestry Commission to remove debris in the event of a Governor's Declared Disaster, the coordinating links with the local Transportation Coordinator are not described.

SC RESPONSE: Each item will be addressed separately.

- Item concerning clarification of procedures to deal with special problems:
Disagree. SC feels that the Transportation Annex is clear and the procedures for which the coordinator will deal with special evacuation problems will be addressed in the Transportation SOP (Now being developed.) The Transportation Coordinator is a EOC Staff member and problems as they arise will be addressed and handled in the EOC.
- Item concerning potential impediments to evacuation routes:
Disagree. See Annex M Engineering and Public Works, York County Plan Section IV.B.1.e. pg M-4. Additionally, a statement will be added in Annex L, Transportation Service concerning the coordination between the Transportation Coordinator and the Engineering and Public Works Director for removal of potential impediments to evacuation routes.
- Item concerning coordination links between Transportation Coordinator and State support:
Disagree. See Annex L, York County Plan Section IV A.3. "request for State Support".

NUREG ITEM: K.3.a.

RAC COMMENT: Plan should provide for the issuance of low range dosimeters (e.g., CDV 138's) and permanent record devices (e.g., TLD's or film badges) to emergency workers.

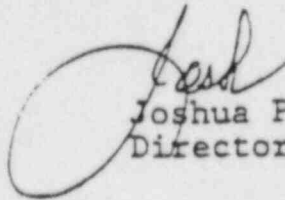
Glenn Woodard Letter
April 24, 1984
Page 5

SC RESPONSE: Concurr. However, the CDV 138 low range dosimeters have been distributed as follows:
State Law Enforcement - 200
State Highway Patrol - 100
State Wildlife - 100
Ten Affected Counties - 20-100 each
State EPD - 200

The State of SC has no funds available at this time to purchase TLD's or Film Badges for issuance to emergency workers.

The State of South Carolina has enjoyed the fine relationship it has with the Regional Assistance Committee and appreciates the committees' comments on the Catawba Plans. Through this cooperation we will better our plans and better protect our citizens in the event of any type of emergency.

Sincerely,



Joshua P. Moore
Director

JPM:BMc:ews