

AUG. 17 1992

Licenses: NPF-66, NPF-73

Dockets: 50-334, 50-412

Mr. J. D. Sieber
Vice President
Nuclear Group
Duquesne Light Company
Post Office Box 4
Shippingport, Pennsylvania 15077

Dear Mr. Sieber:

Subject: Federal Emergency Management Agency (FEMA) Exercise Report for the Beaver Valley Power Station

Enclosed is a letter from W. P. Pearson, Chief, Natural and Technological Hazards Division, Region III, Federal Emergency Management Agency (FEMA), dated July 14, 1992, transmitting official notice of one Deficiency identified during the June 9, 1992 full-participation exercise at the Beaver Valley Power Station and assessed against the Commonwealth of Pennsylvania and Beaver County. The deficiency resulted when the Commonwealth of Pennsylvania Emergency Operations Center (EOC) staff failed to properly coordinate the dissemination of the appropriate Emergency Broadcast System message with the Beaver County EOC staff.

FEMA has determined that correction of this Deficiency is required within 120 days of the June 9 exercise through a remedial drill. This must, therefore, occur on or before October 7, 1992. FEMA has requested that the Commonwealth of Pennsylvania provide them with information concerning a remedial drill to address this issue. In addition, FEMA has requested that corrective action for this Deficiency include a review and revision of the Pennsylvania radiological emergency response plans and standard operating procedures as a result of a similar Deficiency cited against Luzerne County at the October 16, 1991 Susquehanna Steam Electric Station exercise. Please provide assistance to off-site officials to address and resolve this Deficiency.

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If you have any questions concerning this enclosure, please contact Mr. Craig Gordon of my staff at (215) 337-5044.

Sincerely,

James H. Joyner, Chief
Facilities Radiological Safety and
Safeguards Branch
Division of Radiation Safety and
Safeguards

Enclosure: As Stated

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cc w/encl:

G. S. Thomas, General Manager, Corporate Nuclear Services

N. R. Tonet, Manager, Nuclear Safety

T. P. Noonan, General Manager, Nuclear Operations

K. D. Grada, Manager, Quality Service Unit

H. R. Caldwell, General Superintendent, Nuclear Operations

K. Abraham, PAO (2)

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

NRC Resident Inspector

Commonwealth of Pennsylvania

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bcc w/encl:

Region I Docket Room (with concurrences)

DRS/EB SALP Coordinator

J. Joyner, DRSS

R. Blough, DRP

J. Rogge, DRP

D. Vito, SRI, Oyster Creek

F. Young, SRI, Three Mile Island

A. DeAgazio, NRR/PD 1-4

R. Lobel, OEDO

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CONCURRENCES:

LLE
Eckert
8/5/92

LLE for
Gordon
8/5/92

LLE for
McCabe
8/5/92

just with corrections
Joyner
8/17/92

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Federal Emergency Management Agency

Region III
Liberty Square Building (Second Floor)
105 South Seventh Street
Philadelphia, PA 19106

JUL 14 1992

Mr. Joseph L. LaFleur
Director, Pennsylvania Emergency
Management Agency
Post Office Box 3321
Harrisburg, Pennsylvania 17105-3321

Dear Mr. LaFleur:

This letter officially informs you of the Federal Emergency Management Agency's (FEMA) identification of a Deficiency which occurred during the Beaver Valley Power Station Radiological Emergency Preparedness (REP) Exercise conducted on June 9, 1992. This Deficiency is being assessed against the Commonwealth of Pennsylvania and the Beaver County Emergency Operations Centers (EOC) for Objective 13: Alert, Notification, and Emergency Information - Public Instructions.

The Deficiency resulted when the Commonwealth of Pennsylvania's EOC staff failed to properly coordinate the dissemination of an appropriate Emergency Broadcast System (EBS) message with the Beaver County EOC staff. Thus, adequate information was not contained within the released EBS message concerning the Governor of Pennsylvania's order to evacuate the public within ten miles of the Beaver Valley Power Station.

Specifically, EBS Announcement 2 (Enclosure 1) released by the Commonwealth of Pennsylvania's EOC staff to the Beaver County EOC staff was not the detailed sample General Evacuation EBS Announcement located on page E-16-11 of Attachment B to Appendix 16 to Annex E of the Commonwealth of Pennsylvania Emergency Operations Plan. Consequently, the Beaver County EOC staff merely used EBS Announcement 2, instead of the detailed General Evacuation EBS Announcement (Enclosure 2) specific to Beaver County located on page E-4-9 of Attachment D to Appendix 4 to Annex E of the Beaver County Emergency Operations Plan. EBS Announcement 2 did not contain pertinent information such as: the names of municipalities within the ten mile EPZ; geographic

landmarks including rivers, roads, railroad tracks, towns and villages, or any combination thereof to delineate the area to be evacuated; reference to the Beaver County Emergency Information Brochure; the names and locations of, and evacuation routes to, the reception centers servicing the municipalities; instructions for special needs populations; and suggested items to be taken when evacuating.

In accordance with 44 CFR 350.9(a) and FEMA-REP-14, Radiological Emergency Preparedness Exercise Manual, September 1991, we have thoroughly reviewed and discussed the foregoing Deficiency with U. S. Nuclear Regulatory Commission and Region III Regional Assistance Committee members. FEMA-REP-14 defines Deficiency as an observed or identified inadequacy of organizational performance in an exercise that could cause a finding that offsite emergency preparedness is not adequate to provide reasonable assurance that appropriate protective measures can be taken in the event of a radiological emergency to protect the health and safety of the public living in the vicinity of a nuclear power plant. Because of the potential impact of this Deficiency on emergency preparedness, it should be corrected within 120 days through a remedial drill. Therefore, correction of this Deficiency is required on or before October 7, 1992.

Recognizing that a similar Deficiency was cited against Luzerne County at the Susquehanna Steam Electric Station, October 16, 1991, exercise, FEMA will require that the corrective action for this Deficiency include a review and revision by the Commonwealth of Pennsylvania of its radiological emergency response plans and standard operating procedures (SOP) to ensure that the plans and SOPs contain adequate provisions for (1) coordinating the release of EBS messages with the risk counties and (2) directing the risk counties to the specific prescribed EBS message to be broadcast. To facilitate the full resolution of this Deficiency, appropriate plan and SOP revisions must be completed prior to the remedial exercise and the amended plans and SOPs tested at that exercise.

Please provide this office with the Commonwealth's schedule for its review and revision, as appropriate, of the EBS related portions of plans and SOPs, the date and time of the remedial exercise, the Commonwealth and county participants, and the specific objectives to be demonstrated within 30 days from the date of this letter.

Your cooperation in this matter is sincerely appreciated. If you have any questions, please contact Mr. Darrell Hammons, Chairman, Regional Assistance Committee, at 215-931-5520.

Sincerely,



Walter P. Pierson
Chief, Natural and Technological
Hazard Division

Enclosures

CC:

William Lazarus, NRC
Dennis Kwiatkowski, FEMA National

enclosure 1

EMERGENCY BROADCAST SYSTEM ANNOUNCEMENT NO. 2

State officials were notified by the Beaver Valley nuclear power station staff that the reactor is in an unstable status and that a radioactive release has begun on an airborne basis. Due to this situation, it is necessary that the public begin evacuating along prescribed routes. Evacuation route information is being released via the media and is available in local telephone directories and information brochures mailed to homes and motels by the plant. The evacuation procedure should be followed so as to protect all evacuees. There is no need for panic as the release is not affecting all areas around the plant. However, as a precaution all citizens within ten miles from the plant in Pennsylvania should evacuate at this time.

Stay tuned for further information.

Joseph L. LaFleur

Director, Pennsylvania Emergency Management Agency

ENCLOSURE 2

ATTACHMENT D

APPENDIX 4

GENERAL EVACUATION EBS ANNOUNCEMENT

THIS IS (IS NOT) AN EXERCISE

"THE FOLLOWING ANNOUNCEMENT HAS BEEN RELEASED BY THE BEAVER COUNTY EMERGENCY MANAGEMENT AGENCY.

THE GOVERNOR HAS ANNOUNCED THAT AN EMERGENCY EXISTS AT THE BEAVER VALLEY POWER STATION AND (RECOMMENDS) (ORDERS) THE EVACUATION OF ALL PERSONS WITHIN TEN MILES OF THE FACILITY.

IF YOU LIVE WITHIN THE TEN-MILE AREA, REVIEW THE PREVIOUSLY DISTRIBUTED BEAVER COUNTY EMERGENCY INFORMATION BROCHURE FOR DETAILED EVACUATION INSTRUCTIONS. THIS INFORMATION IS ALSO IN THE TELEPHONE DIRECTORY.

IN BEAVER COUNTY THIS EVACUATION ANNOUNCEMENT AFFECTS:

- | | |
|---------------------------|---------------------------|
| City of Aliquippa | Independence Township |
| Beaver Borough | Industry Borough |
| Bridgewater Borough | Midland Borough |
| Brighton Township | Monaca Borough |
| Center Township | Ohioville Borough |
| Fallston Borough | Patterson Heights Borough |
| Frankfort Springs Borough | Patterson Township |
| Georgetown Borough | Potter Township |
| Glasgow Borough | Raccoon Township |
| Greene Township | Shippingport Borough |
| Manover Township | South Heights Borough |
| Hookstown Borough | Vanport Township |
| Hopewell Township | |

IN ADDITION, PEOPLE LIVING, WORKING OR TRAVELING IN PORTIONS OF THE FOLLOWING MUNICIPALITY ARE ALSO AFFECTED BY THIS REQUEST:

South Beaver Township south of Route 251. Chippewa Township south of Route 251 from South Beaver Township line to Route 588 and south of Route 588 from the intersection of Route 251 to the Patterson Township line.

(Repeat the list of affected municipalities one time then continue the announcement.)

IF YOU NEED A PLACE TO STAY, YOU WILL BE ASSIGNED TO A MASS CARE CENTER AFTER REPORTING TO THE RECEPTION CENTER FOR YOUR MUNICIPALITY. THE FOLLOWING MAIN EVACUATION ROUTES SHOULD BE USED:

1. City of Aliquippa. South on Route 51 to Route 68 South or Route 60 South to the Parkway West to Route 51 South to Route 88 South to South Park. Reception Center is South Park Fairgrounds.
2. Beaver Borough and Bridgewater Borough. East on Route 68 to I-79 North. Reception Center is Slippery Rock University in Butler County.

2. Aughton Township and Vanport Township. North on Route 60 to Route 51 North to Route 251 North to Route 18 to I-76 East to I-79 North. Reception Center is Slippery Rock University in Butler County.
4. Cento Township and Potter Township. South on Route 60 to the Parkway West to I-79 South or by proceeding South on Broadhead Road to Route 60 South to the Parkway West to I-79 South or by proceeding east across the Monaca-East Rochester Bridge to Route 65 South to I-79 South. Reception Center is Arden Downs in Washington County.
5. Chippewa Township. North on Route 51 to Route 168 North to Route 18 North to Route 224 West, or by proceeding North on State Route 4019 to SR 4013 to Route 168 North to Route 18 North to Route 224 West. Reception Center is the Westgate Shopping Plaza in Lawrence County.
6. Fallston Borough. South on Route 51 to Route 68 East to I-79 North. Reception Center is Slippery Rock University.
7. Shippingport Borough and Frankfort Springs Borough. South on Route 18. Reception Center is Arden Downs in Washington County.
8. Georgetown Borough. South on Route 168 to Route 18 South. Reception Center is Arden Downs in Washington County.
9. Glasgow Borough, Midland Borough, Ohioville Borough and South Beaver Township. North on Route 168 to Route 18 North to Route 224 West. Reception Center is Westgate Shopping Plaza in Lawrence County.
10. Greene Township and Hookstown Borough. East on Route 30 to I-79 South or by proceeding South on Route 18 or proceeding South on Route 168 to Route 18 South. Reception Center is Arden Downs in Washington County.
11. Hanover Township. East on Route 30 to I-79 South or by proceeding South on Route 18 or by proceeding South on Route 168 to Route 18 South. Reception Center is Arden Downs in Washington County.
12. Hopewell Township. South on Broadhead Road to Flaugherty Run Road to the Beaver Valley Expressway to the Parkway West to Route 51 South to Route 88 South or by proceeding South on Route 51 to Route 88 South or by proceeding South on Route 51 to Route 88 South. Reception Center is South Park Fairgrounds in Allegheny County.
13. Independence Township. East on Route 151 to Route 60 South to the Parkway West to Route 51 South to Route 88 South or by proceeding east on Route 30 to Route 60 South to the Parkway West to Route 51 South to Route 88 South. Reception Center is South Park Fairgrounds in Allegheny County.
14. Industry Borough. West on Tuscarawas Road to Route 168 North to Route 18 North to Route 224 West. Reception Center is Westgate Shopping Plaza.
15. Monaca Borough. East across the Monaca-East Rochester Bridge to Route 65 South to I-79 South. Reception Center is Arden Downs in Washington County.

16. Patterson Heights Borough and Patterson Heights Township. Darlington Road to 588 East to Route 18 North to Route 224 West to Westgate Shopping Plaza.

17. Racoon Township. East on Green Garden Road to Route 60 South to the Parkway West to Route 11 South to Route 88 South or by proceeding North on Route 18 to Route 11 South to the Parkway West to Route 51 South to Route 88 South or by proceeding South on Route 18 to Route 30 East to Route 60 South to the Parkway West to Route 51 South to Route 88 South. Reception Center is South Park Fairgrounds in Allegheny County.

18. South Heights Borough. South on Route 51 to Route 88 South. Reception Center Park Fairgrounds in Allegheny County.

(Repeat this list one time and continue message.)

IF YOU REQUIRE TRANSPORTATION ASSISTANCE, REFER TO THE NUMBER DESIGNATED FOR YOUR MUNICIPALITY IN THE BEAVER COUNTY EMERGENCY INFORMATION BROCHURE, AND IN THE TELEPHONE DIRECTORY. IF YOU ARE UNABLE TO MAKE CONTACT CALL YOUR LOCAL POLICE OR FIRE DEPARTMENT.

IF YOU HAVE HOUSEBOUND OR DISABLED PERSONS IN YOUR HOME AND REQUIRE ASSISTANCE IN MOVING THEM, CONTACT YOUR LOCAL POLICE OR FIRE DEPARTMENT.

PLEASE COOPERATE BY CHECKING ON PERSONS WHO MAY LIVE ALONE IN YOUR NEIGHBORHOOD. IF THEY HAVE NO WAY OF PROVIDING FOR THEIR OWN TRANSPORTATION, PLEASE ASSIST THEM IF POSSIBLE. IF YOU CANNOT OBTAIN TRANSPORTATION FOR THESE PERSONS, PLEASE CONTACT THE TRANSPORTATION ASSISTANCE NUMBER DESIGNATED FOR YOUR MUNICIPALITY IN THE BEAVER COUNTY EMERGENCY INFORMATION BROCHURE OR YOUR LOCAL POLICE OR FIRE DEPARTMENT.

PERSONS AFFECTED BY THIS EVACUATION (RECOMMENDATION) (ORDER) SHOULD PREPARE TO SPEND A MINIMUM OF THREE DAYS AWAY FROM HOME AND SHOULD HAVE WITH THEM SUFFICIENT QUANTITIES OF CLOTHING, BLANKETS, PERSONAL CARE ITEMS, BABY SUPPLIES, AND PRESCRIPTION DRUGS FOR AT LEAST THIS PERIOD. PERSONS EVACUATING TO MASS CARE CENTERS WILL BE PROVIDED WITH FOOD, BEDS AND SANITARY FACILITIES. PETS MAY ACCOMPANY THEIR OWNERS BUT WILL NOT BE ALLOWED INSIDE THE MASS CARE CENTERS. THE CARE AND FEEDING OF PETS ARE THE RESPONSIBILITY OF THE OWNER.

FARMERS AFFECTED BY THIS EVACUATION ADVISORY SHOULD SHELTER THEIR ANIMALS AND REFER TO THEIR FARMER'S INFORMATION BROCHURE FOR FURTHER INSTRUCTIONS REGARDING PROTECTION OF LIVESTOCK AND FOODSTUFFS AND REGAINING ACCESS TO THE EVACUATED AREA, IF NECESSARY.

PERSONS PLANNING TO EVACUATE ARE REMINDED TO TAKE THE FOLLOWING STEPS PRIOR TO LEAVING:

1. SECURE YOUR HOME AND PROPERTY.
2. TURN OFF ALL LIGHTS AND ELECTRICAL APPLIANCES.
3. TURN DOWN ANY HEATING SYSTEMS (OR TURN OFF AIR CONDITIONING SYSTEMS).
4. PROCEED CALMLY TO YOUR DESTINATION, OBEYING ALL TRAFFIC LAWS AND DRIVING CAREFULLY.
5. PLEASE OBEY THE POLICE AND OTHERS WHO WILL BE DIRECTING TRAFFIC ALONG THE EVACUATION ROUTES.
6. KEEP VEHICLE WINDOWS AND AIR VENTS CLOSED WHILE TRAVELING.

PERSONS EVACUATING ARE ADVISED THAT THE EVACUATION AREA WILL BE SECURED AND PATROLLED BY STATE AND LOCAL POLICE AND THE NATIONAL GUARD.

THE PRECEDING HAS BEEN AN ANNOUNCEMENT BY THE BEAVER COUNTY EMERGENCY MANAGEMENT AGENCY REGARDING A (RECOMMENDATION) (ORDER) BY THE GOVERNOR FOR THE EVACUATION OF ALL PERSONS LIVING WITHIN A TEN-MILE RADIUS OF THE BEAVER VALLEY POWER STATION. FOR FURTHER INFORMATION PLEASE STAY TUNED TO THIS STATION."

THIS (IS) (IS NOT) AN EXERCISE

(Hereafter, this announcement should be repeated every fifteen minutes until the station is informed by the Beaver County Emergency Management Agency to end transmission.)

(If school is in session, prepare to broadcast school evacuation announcement.)