



**Wisconsin Electric** POWER COMPANY  
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July 5, 1984

Mr. J. G. Keppler, Regional Administrator  
Office of Inspection and Enforcement,  
Region III  
U. S. NUCLEAR REGULATORY COMMISSION  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

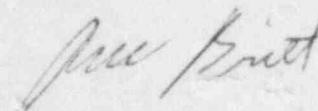
DOCKET NOS. 50-266 AND 50-301  
EMERGENCY PREPAREDNESS EXERCISE  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

In accordance with requirements of 10 CFR 50, Appendix E, and FEMA Guidance Memorandum 17, a draft exercise scope is attached for review and comment. The detailed scenario will be provided by the first week of August. Associated controller packages containing information to be supplied to observers and exercise participants will be provided by the third week of August.

This exercise is planned for September 11, 1984.

If you have any questions or comments regarding this information, please contact our office.

Very truly yours,

  
President

R. W. Britt

Enclosure

Copies to NRC Resident Inspector

W. J. Weaver, Region V, FEMA  
C. Hemersbach, Department of Emergency Government  
C. F. Riederer, Public Service Commission of Wisconsin  
L. Schmeling, Kewaunee County Emergency Government  
N. Crowley, Manitowoc County Emergency Government

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ON-SITE & OFF-SITE AGENCY OBJECTIVES  
FOR  
POINT BEACH NUCLEAR PLANT  
EMERGENCY PLAN EXERCISE  
SEPTEMBER 11, 1984

This exercise will be a full scale exercise for PBNP and Manitowoc and Kewaunee Counties. The State of Wisconsin will participate to the level necessary to support the counties.

1.0 Participating Organizations

This exercise will be initiated from the plant control room some time of the morning of September 11, 1984 and last 7 to 10 hours. Organizations which may participate include, but are not limited to, the following:

- 1.1 Wisconsin Electric Power Company
- 1.2 Wisconsin Division of Emergency Government
- 1.3 Kewaunee County Emergency Government
- 1.4 Manitowoc County Emergency Government
- 1.5 United States National Weather Service
- 1.6 Kewaunee County Sheriff's Department
- 1.7 Manitowoc County Sheriff's Department
- 1.8 United States Coast Guard
- 1.9 Wisconsin Sector of Radiation Protection
- 1.10 Wisconsin Division of State Patrol

2.0 Objectives

- 2.1 Demonstrate ability to mobilize staff and activate facilities promptly.
  - 2.1.1 Wisconsin Electric will mobilize staff and activate all of its emergency response facilities (ERF), technical support center (TSC), operations support center (OSC), and emergency operations facility (EOF). Field survey teams will also be mobilized.
  - 2.1.2 The Wisconsin Division of Emergency Government mobilization will be adequate to support the operations of the counties. Other state mobilization details are discussed below.

- 2.1.3 Manitowoc and Kewaunee Counties will fully activate their EOC's in Manitowoc and Algoma respectively and carry out warning and staff call-up procedures as outlined in Tab B of each County Plan (ATTACHMENTS V & W to the State of Wisconsin Radiological Emergency Response Plan [State Plan]). Since a test evacuation will be conducted in each county, Manitowoc and Kewaunee Counties will activate respective reception centers and one congregate care center in each county. Radiological monitoring of evacuees will be conducted by a State health team.
- 2.1.4 A Joint Public Information Center will be established at the Two Rivers Community House in Two Rivers, Wisconsin with Wisconsin Electric, Kewaunee County, Manitowoc County, and Division of Emergency Government represented. Only Division of Emergency Government personnel will be prepositioned.
- 2.2 Demonstrate the ability to fully staff facilities and maintain staffing around the clock.
  - 2.2.1 Wisconsin Electric will fully staff each of the emergency response facilities outlined in Section 2.1.1 and 2.1.4. 24-hour staffing was demonstrated during the last full scale exercise at this facility and will not be demonstrated during this exercise.
- 2.3 Demonstrate the ability to make decisions and to coordinate emergency activities.
  - 2.3.1 Decision-making will be demonstrated at the county and utility response facilities (EOC, TSC, OSC, EOF, JPIC, and control room). Coordination of emergency activities will be demonstrated between the State, county, and utility ERF's.
- 2.4 Demonstrate the adequacy of facilities and displays to support emergency operations.
  - 2.4.1 The capability of facilities to support emergency operations will be demonstrated at all locations where those facilities are fully activated. Maps, displays, and status boards will be demonstrated and used at all fully activated ERF's as appropriate.

- 2.5 Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.
  - 2.5.1 The State, counties, and PBNP will use various communication systems. These systems could include telephone, radio, and microwave. Transfer of information will be accomplished by means of voice or hardcopy as appropriate to communicate with all locations. Field personnel will be contacted by radio.
- 2.6 Demonstrate the ability to mobilize and deploy field monitoring teams in a timely fashion.
  - 2.6.1 Mobilization and deployment of field teams is a State and utility responsibility. Utility and State field survey teams will be mobilized and deployed. A mobile lab will be deployed by the State Division of Health.
- 2.7 Demonstrate appropriate equipment and procedures for determining ambient radiation levels.
  - 2.7.1 This is a State and utility responsibility. PBNP personnel will deploy two survey teams and one shuttle team to demonstrate this objective.
- 2.8 Demonstrate the ability to sample and analyze the primary coolant system and the containment atmosphere during emergency conditions.
  - 2.8.1 PBNP teams will be dispatched to take and analyze a post-accident primary coolant sample and a containment atmosphere sample.
- 2.9 Demonstrate the appropriate equipment and procedures for measurement of airborne radioiodine in concentrations as low as  $10^{-7}$   $\mu\text{Ci/cc}$  in the presence of noble gases.
  - 2.9.1 This is a State and utility responsibility. Equipment and procedures for these measurements will be demonstrated by utility personnel. The State will also demonstrate this ability.
- 2.10 Demonstrate the appropriate equipment and procedures for collection transport and analysis of samples of soil, vegetation, water and milk.
  - 2.10.1 This objective is a State and utility responsibility. Some of these samples will be collected, transported, and analyzed by PBNP personnel.

- 2.11 Demonstrate the ability to project dosage to the public via plume exposure, based on plant and field data, and to determine appropriate protective measures, based on PAG's, available shelter, evacuation time estimates, and all other appropriate factors.
  - 2.11.1 This will be demonstrated by PBNP personnel at the EOF. The State of Wisconsin will simulate the generation of this data to support the actions of county personnel.
- 2.12 Demonstrate ability to project dosage to the public via ingestion pathway exposure, based on field data, and to determine appropriate protective measures, based on PAG's and other relevant factors.
  - 2.12.1 This objective is a State responsibility, but will not be demonstrated during this exercise.
- 2.13 Demonstrate ability to implement protective actions for ingestion pathway hazards.
  - 2.13.1 This objective is a county responsibility and will not be demonstrated during this exercise.
- 2.14 Demonstrate the ability to alert the public within the EPZ and disseminate an initial instructional message within 15 minutes.
  - 2.14.1 This is county responsibility and was demonstrated in March, 1982. The sirens will not be activated. However, the procedures outlined in Tab B of the county plans (ATTACHMENTS V & W to the State plan) will be implemented such that an appropriate local EBS message will be disseminated at the time the sirens would have been activated. PA systems and tone alert radios may be used for alerting purposes.
- 2.15 Demonstrate the ability to formulate and distribute appropriate instructions to the public in a timely fashion.
  - 2.15.1 This is a county responsibility. As indicated above, initial protective action recommendations to the public will be disseminated according to the county plans (ATTACHMENTS V & W to the State plan) with JPIC coordination and subsequent instructions to the public will be simulated.

- 2.16 Demonstrate the organizational ability and resources necessary to manage an orderly evacuation of all or part of the plume EPZ.
- 2.16.1 This is a county responsibility, with additional resources available from the State upon county request. (State resources will not be called upon during this exercise) There will be a simulated radioactive release from PBNP during the exercise. An evacuation of a selected group of EPZ residents will be conducted in conjunction with this release, to test evacuation and transportation procedures.
- 2.17 Demonstrate the organizational ability and resources necessary to deal with impediments to evacuation, as inclement weather or traffic obstructions.
- 2.17.1 This is a county responsibility. However, this objective will not be tested during this exercise.
- 2.18 Demonstrate the organizational ability and resources necessary to control access to an evacuated area.
- 2.18.1 This is a county responsibility. Access control will be carried out under the provision of Tab F of the county plans (ATTACHMENT V & W to the State plan). Equipment for road blocks and personnel to support them will be deployed to appropriate locations but traffic routes will not actually be blocked.
- 2.19 Demonstrate the organizational ability and resources necessary to effect an orderly evacuation of mobility-impaired individuals within the plume EPZ.
- 2.19.1 This is a county responsibility. However, this objective will not be demonstrated during this exercise.
- 2.20 Demonstrate the organizational ability and resources necessary to effect an orderly evacuation of schools within the plume EPZ.
- 2.20.1 This is a county responsibility and will be tested during the PBNP exercise by evacuating a busload of children from an area school or a group of adults from a local senior citizens center.

2.21 Demonstrate the ability to continuously monitor and control emergency worker exposure.

2.21.1 Off-site Agencies

Monitoring and exposure control for State emergency workers will not be implemented during this exercise. Monitoring and exposure control for County emergency workers will be effected under the provisions of Tab E of the county plan (ATTACHMENT V & W to the State plan). County emergency workers will be provided with pocket dosimeters only. TLD or other type film badges are not now available, although acquisition of these is under consideration by the State of Wisconsin. Determination of emergency workers stay times will be made under direction of the SRC as recommended to the county RDO.

2.21.2 PBNP

Monitoring and exposure control for emergency workers will be carried out in accordance with procedures under direction of PBNP health physics personnel.

2.22 Demonstrate the ability to make the decision, based on predetermined criteria, whether to issue KI to emergency workers and/or the general population.

2.22.1 The Wisconsin State plan and the county plans (ATTACHMENT V & W) direct that KI will not be made available to the general population. The decision to make KI available to emergency workers and transients will be made from the State EOC based on evaluation of the radioiodine content of the simulated radioactive plume by the SRC. This objective was demonstrated during the LACBWR exercise on June 19, 1984 and therefore will not be demonstrated during this exercise.

2.23 Demonstrate the ability to supply and administer KI, once the decision has been made to do so.

2.23.1 If the decision to recommend the use of KI is made based on the radiological conditions generated by the plant scenario as stated in Objective 2.22 above, KI distribution to county emergency workers under the provisions of Tab K of the county plans (ATTACHMENTS V & W to the State plan) will be simulated.

- 2.24 Demonstrate ability to effect an orderly evacuation of on-site personnel.
- 2.24.1 Upon request by plant officials, assistance in evacuation of on-site personnel could be provided by the counties. This objective will not be demonstrated during this exercise.
- 2.25 Demonstrate ability to brief the media in a clear, accurate and timely manner.
- 2.25.1 The JPIC will be located at the Two Rivers Community House, Two Rivers, Wisconsin. All media briefings will be held at the JPIC after appropriate consultation with the State, county, and utility PIO's. A county PIO liaison will be dispatched to the JPIC to assist in the provision of information on local conditions.
- 2.25.2 Public information activities will be conducted under the provisions of ATTACHMENT D to the State plan and Tab D of the county plans (ATTACHMENT to the State plan), as well as the Wisconsin Electric Crisis Communications Plan. Wisconsin Electric will provide the technical and clerical support for Wisconsin Electric JPIC operation.
- 2.26 Demonstrate the ability to provide advance coordination of information released.
- 2.26.1 News releases will be made from the JPIC under the joint direction of the State, county and utility PIO's. Information content will be developed in coordination with State and county EOC's and the PBNP EOF. Once operational, all news releases should be made from the JPIC. Earlier news releases, if made at the local level, will be coordinated with the State EOC and Wisconsin Electric Communications Department.
- 2.27 Demonstrate the ability to establish and operate a rumor control program.
- 2.27.1 This is a State and utility responsibility. The State will not demonstrate this objective.
- 2.27.2 Wisconsin Electric will designate telephone lines in the JPIC as rumor control lines and disseminate these numbers for that purpose.



- 2.28 Demonstrate the adequacy of procedures for registration and radiological monitoring of evacuees.
  - 2.28.1 Registration of Manitowoc County evacuees will be conducted at the Roncalli High School reception center in Manitowoc, Wisconsin by county personnel.
  - 2.28.2 Registration of Kewaunee County evacuees will be conducted at the Algoma High School reception center in Algoma, Wisconsin by county personnel.
  - 2.28.3 Radiological monitoring will be conducted by a State health team.
- 2.29 Demonstrate adequacy of facilities for mass care of evacuees.
  - 2.29.1 One congregate care facility will be activated by each county. The county will be responsible for the mass care of evacuees under the provisions of Tab J of the county plans (ATTACHMENTS V & W to the State plan).
- 2.30 Demonstrate adequate equipment and procedures for decontamination of emergency workers, equipment and vehicles.
  - 2.30.1 This is a State responsibility. However, this objective will not be demonstrated during this exercise.
- 2.31 Demonstrate the adequacy of ambulance facilities and procedures for handling contaminated individuals.
  - 2.31.1 FEMA and NRC have requested that this objective be demonstrated separately from the major exercise. Two Rivers Community Hospital participates in a drill which demonstrates this objective on an annual basis. The most recent drill of that type was held on March 13, 1984.
- 2.32 Demonstrate the adequacy of hospital facilities and procedures for handling contaminated individuals.
  - 2.32.1 See 2.31.1 above.
- 2.33 Demonstrate ability to identify need for, request, and obtain Federal assistance.
  - 2.33.1 This is a State responsibility. However, this objective will not be demonstrated during this exercise.

2.34 Demonstrate ability to relocate to and operate the alternate EOC.

2.34.1 Since the county EOC's are outside the EPZ, this objective does not apply.

2.35 Demonstrate ability to estimate total population exposure.

2.35.1 This is a State and Wisconsin Electric responsibility. Wisconsin Electric will demonstrate this objective. However, this objective will not be demonstrated during this exercise by the State.

2.36 Demonstrate ability to determine and implement appropriate measures for controlled recovery and re-entry.

2.36.1 Decisions on timing of and procedures for recovery and re-entry will be made by the State, based upon recommendations by the SRC. These recommendations will be implemented by the counties with appropriate assistance from the State under the provisions of Standard Operating Procedures (SOP's) identified as "Post Accident Operations" in ATTACHMENT A to the State plan and in all applicable Tabs of the county plans (ATTACHMENTS V & W to the State plan).

2.36.2 PBNP will designate a recovery organization for the purpose of planning a recovery of the facility under the provisions of EPIP Section 12.0 "Re-entry & Recovery Planning".