



# Federal Emergency Management Agency

Region V 300 South Wacker, 24th Floor, Chicago, IL 60606 (312) 353-1500

August 16, 1984

PRINCIPAL STAFF		
RA	DRP	
D/RA	DRS	
RC	DRSS	<i>[Handwritten mark]</i>
PAO	ML	
SGA	OL	
ETC	OI	
DRMA	FILE	<i>[Handwritten mark]</i>

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Mr. J.G. Keppler  
 Regional Administrator  
 U.S. Nuclear Regulatory  
 Commission  
 799 Roosevelt Road  
 Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

Our schedule for the 1984 Point Beach Nuclear Plant exercise is attached.

We would appreciate you or your representative attending the pre-exercise briefing. This practice has proven valuable during past exercises. It serves to apprise the evaluation team of any changes in scenario or objectives and to attain a mutual understanding of the scope of the exercise.

The post-exercise briefing is the work session involving the evaluation team, your representative and the state and local governments.

The post-exercise meeting also includes the public and the media.

We are hopeful that you can schedule a representative for these meetings.

Sincerely,

*Wallace J. Weaver*

Wallace J. Weaver, Chairman  
Regional Assistance Committee

Attachment

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AUG 20 1984



# Federal Emergency Management Agency

Region V 300 South Wacker, 24th Floor, Chicago, IL 60606 (312) 353-1500

August 16, 1984

Memorandum For: Point Beach Nuclear Plant Exercise Evaluators

From:

*Wallace J. Weaver*  
Wallace J. Weaver, RAC Chairman

Subject:

Point Beach Nuclear Plant Exercise, September 11, 1984

The 1984 Point Beach Nuclear Plant radiological emergency preparedness exercise will be conducted on September 11, 1984. The pre-exercise briefing is scheduled for 1:30 p.m., Monday September 10, 1984, and will be held at Budgetel Motel, 908 Washington Street, Maniatowoc, Wisconsin. All Federal evaluators, except the evaluator assigned to the State EOC in Madison, are to attend.

Following the exercise, all evaluators are to meet with the Exercise Evaluation Team Chief at 8:30 a.m., Thursday, September 13, 1984, when the teams present their preliminary findings and reports. This meeting will also be held at Budgetel Motel.

The post-exercise briefing will be held at the Budgetel Motel at 1:30 p.m., Thursday, September 13, 1984. This briefing is a work session in which exercise observations will be compared to the requirements of the site-specific off-site emergency plans and NUREG-0654, FEMA REP-1, Revision 1. Attendees will be the Evaluation Team Chief, State Team leader, County Team Leaders, Regional Assistance Committee members, NRC on-site team Leader, utility representatives, and State and Local representatives responsible for and directly involved in radiological emergency planning as designated by the State Director.

A post-exercise meeting is scheduled for 7:30 p.m., Thursday, September 13, 1984. This meeting will be held at the Senior Citizens Center, Two Rivers, Wisconsin. The purpose of this meeting is to discuss the evaluation of the exercise. Attendance may include those who attended the post-exercise briefing, additional State and local exercise participants and/or staff, utility staff, and interested persons from the public and media. Written comments may be submitted by attendees immediately following the meeting and will be considered during the final exercise evaluation.

### PARTICIPANTS

Exercise participants include the State of Wisconsin, (partial participation), Kewaunee County (full participation), Manitowoc County (full participation) and Wisconsin Electric Power Company.

### OUTDOOR WARNING SYSTEM

The outdoor warning system for the Point Beach Nuclear Plant will not be sounded during this exercise. The record of the most recent monthly test of the system will be included as part of the exercise report. The Certification Demonstration for this system is tentatively scheduled during January, 1985.

### LODGING

The evaluator assigned to the State EOC in Madison will make his own arrangements for the night of September 10, 1984. Lodging has been arranged for all evaluators at the Budgetel Motel, 908 Washington Street, Manitowoc, Wisconsin, (414) 682-8271. Each evaluator must make individual reservations by September 1, 1984. Please identify yourself as part of the "FEMA group". The single room rate is \$24.95 plus 5% tax. This is a commercial rate extended to our group.

### TRANSPORTATION

A. Air: With the exception of the evaluator assigned in Madison, all evaluators should plan to arrive by air at the Green Bay, Wisconsin, airport prior to 11:00 a.m., September 10, 1984. Air reservations for FEMA employees must be made through SATO. Evaluators from agencies other than FEMA are responsible for their own reservations. FEMA employees in Battle Creek will be on Republic Flight 653 leaving Chicago O'Hare at 0925, September 10, 1984.

Return: It is intended that evaluators who do not need to attend the post-exercise briefing and post-exercise meeting will be released by 12:00 noon September 13, 1984, to return home. Evaluators who remain for the briefing and meeting should plan their return Friday, September 14, 1984.

B. Ground: The following individual(s) will need to arrange for rental or other car(s) at Green Bay for the period September 10, thru 14, 1984: Wally Weaver.

The following individual(s) will need to arrange for rental or other car(s) at Green Bay for the period September 10, thru 13, 1984: Woodie Curtis and Walter O'Keefe.

The following individual(s) will need to arrange for rental or other car(s) at Manitowoc for the period September 10 thru 11, 1984: Robert Shapiro, S. Curtis, James Opelka, W. Gasper, and Pete Tedeschi.

The remaining evaluators should arrange with their team leader for rides. Individual evaluator assignments and schedules are contained in the attachments. To receive overtime/compensatory time, each FEMA Region V employee is responsible for following the procedures outlined in FEMA Instruction 3200.1, dated July 28, 1983.

The exercise project officers are Rick Anthony and Ray Kellogg. If you wish additional information concerning the exercise, please call FEMA Region V, Technological Hazards Branch, FTS 372-6011 or commercial telephone (616) 968-8142, ext. 6011.

#### Attachments

1. Evaluator Assignments
2. Meetings Schedule
3. Exercise Objectives
4. Exercise Scenario
5. Deficiencies cited during November 1, 1983 Kewaunee exercise and Corrective actions for the November 1, 1983 exercise

Attachment 1

EVALUATOR ASSIGNMENTS

Exercise Evaluation Team Chief . . . . . Wallace Weaver (FEMA)

Wisconsin EOC

EOC Module (Madison) State Team Leader . . . Ray Kellogg  
Field Monitoring Module (Two Rivers). . . . Pete Tedeschi

JPIC Media Center Module (Two Rivers). . . . . Bill Gasper

Kewaunee County

EOC Module.. County Team Leader . . . . . Rick Anthony  
EOC Module . . . . . Wiley Howell  
Field Activities Module . . . . . James Opelka  
Reception Center Module & Decontamination  
Module . . . . . Walter O'Keefe

Manitowoc County

EOC Module.. County Team Leader . . . . . Gordon Wenger  
EOC Module . . . . . Woodie Curtis  
Field Activities Module . . . . . Sue Ann Curtis  
Reception Center Module & Decontamination  
Module . . . . . Bob Shapiro

Attachment 2

MEETINGS SCHEDULE

September 10, 1984 (Monday)

1:30 p.m. Pre-exercise briefing

Budgetel Motel

908 Washington Street

Manitowoc, Wisconsin

September 11, 1984 (Tuesday)

8:00 a.m. Exercise Evaluation

September 12, 1984 (Wednesday)

8:30 a.m. State and County Team meetings

September 13, 1984 (Thursday)

8:30 a.m. Exercise Evaluation Team Chief Meeting

Budgetel Motel

1:30 p.m. Post-exercise Briefing

Budgetel Motel

7:30 p.m. Post-exercise Meeting

Senior Citizens Center

Two Rivers, Wisconsin



**State of Wisconsin**  
 Department of Administration

**Anthony S. Earl**  
 Governor

**Doris J. Hanson**  
 Secretary

June 27, 1984

**DIVISION OF EMERGENCY GOVERNMENT**

Mailing Address  
 Post Office Box 7865  
 Madison, WI 53707  
 Phone: 608/266-3232

4802 Sheboygan Avenue • Madison, Wisconsin

Mr. Wallace J. Weaver, Chief  
 Technological Hazards Branch  
 Natural and Technological Hazards Division  
 Federal Emergency Management Agency - Region V  
 300 South Wacker Drive, 24th Floor  
 Chicago, IL 60606

Dear Mr. Weaver:

On Tuesday, September 11, 1984, the State of Wisconsin, in conjunction with Manitowoc and Kewaunee counties and the Wisconsin Electric Power Company (WEPCo) will exercise its Radiological Emergency Response Plan in support of a simulated incident at the Point Beach Nuclear Power Plant. This will be a partial participation exercise for the State of Wisconsin, although Manitowoc and Kewaunee counties will be fully exercised. It will be a daytime exercise conducted during normal working hours.

The objectives for this exercise are herewith submitted under the provisions of FEMA Guidance Memorandum 17. These objectives have been developed in consultation with the utility and the counties. If there are any changes in the scope or detail of these objectives, these changes will be outlined at our briefing of federal observers, immediately prior to the exercise. A copy of these objectives is being sent to the Utility for forwarding to NRC, Region III.

I look forward to your consideration of and response to this submittal as prescribed in FEMA Guidance Memorandum 17.

Sincerely,

*Gordon Reese*  
 for Carol Z. Hemersbach  
 Administrator

CTH:sr  
 Enclosure

84 27 33

- cc: Rick Anthony, FEMA, Battle Creek, MI  
 Harold Reckelberg, Chairman, Kewaunee County Board  
 Donald L. Vogt, Chairman, Manitowoc County Board  
 Lee C. Ledvina, Sheriff, Kewaunee County  
 Thomas H. Kocourek, Sheriff, Manitowoc County  
 Lyle Schmiling, Emergency Government Director, Kewaunee County  
 Nancy Crowley, Emergency Government Director, Manitowoc County  
 James E. Knox, Wisconsin Electric Power Company (2 copies)  
 Lawrence J. McDonnell, Chief, Sec. of Radiation Protection, DHSS  
 Gary Miller, DHSS  
 DEG Management Staff  
 DEG Area Directors

STATE OF WISCONSIN OFF-SITE OBJECTIVES  
FOR THE  
POINT BEACH NUCLEAR POWER PLANT EXERCISE  
SEPTEMBER 11, 1984

1. Demonstrate ability to mobilize staff and activate facilities promptly.

STATE OF WISCONSIN

Since this is a partial participation exercise, most State agencies will not be involved. The Wisconsin Division of Emergency Government (DEG) will use its own staff to simulate most state agency activities in the State Emergency Operating Center (EOC) in Madison. The Department of Health and Social Services (DHSS), Section of Radiation Protection staff will be used to (1) handle the radiological control/dose assessment function in the State EOC (see Objective 2); (2) provide technical support to the State Public Information Officers (PIOs) at the Joint Public Information Center (JPIC) (see Objective 24); and (3) carry out field sampling/monitoring activities in the vicinity of the nuclear power plant (see Objective 27). Additional PIO's from other state agencies will also be used to support the public information function (see Objectives 24 and 25). State EOC activities should not be evaluated during this exercise, except as to the adequacy of their support for County and Utility exercising.

KEWAUNEE COUNTY

Kewaunee County will fully activate its EOC in Algoma and will carry out warning and staff call-up procedures as outlined in Tab B of the Kewaunee County Plan (ATTACHMENT V to the State Plan). An evacuation is planned (see Objective 15) which will require the activation of the County's reception center (see Objective 27) and one congregate care facility (see Objective 28).

MANITOWOC COUNTY

Manitowoc County will also fully activate its EOC in Manitowoc and will carry out warning and staff call-up procedures as outlined in Tab B of the Manitowoc County Plan (ATTACHMENT W to the State Plan). An evacuation is planned (see Objective 15) which will require the activation of the County's reception center (see Objective 27) and one congregate care facility (see Objective 28).

JPIC

A Joint Public Information Center will be established at the Two Rivers Community House in Two Rivers, Wisconsin with the utility, Kewaunee County, Manitowoc County, and the State represented. Only DEG personnel will be prepositioned.



FIELD MONITORING/SAMPLING TEAMS, HEALTH TEAMS

Field teams and health teams consisting of State and local health department personnel, will also be prepositioned. (See Objectives 6 through 9 and Objective 27).

2. Demonstrate ability to fully staff facilities and maintain staffing around the clock.

The State EOC should not be evaluated for this objective during this exercise. Shift changes may occur at some positions in order to provide additional training for DEG and DHSS staff. The East Central Area EOC at Fond du Lac will be minimally staffed to serve as a radio relay point for redundant communications and should not be evaluated. The radiological control/dose assessment function at the State EOC will be operated for training purposes only and is therefore not to be evaluated. However, the necessary radiological information will be provided to support all other exercise functions. A shift change will be demonstrated at the two County EOC's and should be evaluated.

3. Demonstrate ability to make decisions and to coordinate emergency activities.

Decision-making will be demonstrated at the State and County EOC's and the JPIC, however, this function is to be evaluated at the two County EOC's and the JPIC only.

4. Demonstrate adequacy of facilities and displays to support emergency operations.

The capability of facilities to support emergency operations will be demonstrated at all locations. Adequate maps and displays will be provided at the State, Area and County EOC's and the JPIC. However, this function is to be evaluated at the two County EOC's only.

5. Demonstrate ability to communicate with all appropriate locations, organizations, and field personnel.

The State, Kewaunee and Manitowoc Counties will use a variety of communications media (including telephone and radio and both voice and hard copy) to communicate with all locations. Field personnel will be contacted by radio.

6. Demonstrate ability to mobilize and deploy field monitoring teams in a timely fashion.

Mobilization and deployment of field teams is a State responsibility. Field teams will be mobilized and deployed. However, since they will be prepositioned, the timeliness of field team mobilization and deployment will not be demonstrated. The mobile laboratory van will be prepositioned at the Manitowoc County EOC, but will only be used for direction of and communication with the field teams.

7. Demonstrate appropriate equipment and procedures for determining ambient radiation levels.

This is a State responsibility. Two field sampling/monitoring teams will be deployed. One of these is to be for training purposes only and should not be evaluated. A third team will be deployed for training on the distribution and collection of thermoluminescent dosimeters (TLDs) and should not be evaluated.

8. Demonstrate appropriate equipment and procedures for measurement of airborne radioiodine concentrations as low as  $10^{-7}$  uCi/cc in the presence of noble gases.

This is a State responsibility. Equipment and procedures for field measurements will be demonstrated by the designated field team and may be evaluated.

9. Demonstrate appropriate equipment and procedures for collection, transport and analysis of samples of soil, vegetation, water, and milk.

This objective is a State responsibility. Collection and transport of samples has been demonstrated in previous exercises and should not be evaluated. Sample analysis will be demonstrated in a separate test of the Wisconsin State Laboratory of Hygiene in Madison during the week of August 13, 1984, with evaluation results to be included with this exercise.

10. Demonstrate 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.

This objective is a State responsibility and has been demonstrated successfully in several exercises. It is therefore not to be evaluated during this exercise. This

function will, however, be conducted for training purposes under the direction of the State Radiological Coordinator (SRC) and key radiological information will be generated to support other off-site exercise functions.

11. 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.

This objective is a State responsibility, but will not be demonstrated during this exercise.

12. Demonstrate ability to implement protective actions for ingestion pathway hazards.

This objective is a County responsibility, but will not be demonstrated during this exercise.

13. Demonstrate ability to alert the public within the 10-mile EPZ, and disseminate an initial instructional message, within 15 minutes.

This is a County responsibility and will be demonstrated by simulation according to procedures outlined in Tab B of the Kewaunee and Manitowoc County Plans (ATTACHMENTS V and W to the State Plan). The sirens will not be activated during this exercise, but evidence of the success of the most recent test of the sirens will be provided by both Counties. Other warning devices, as identified in the County Plans, will be activated. Activation of the Emergency Broadcast System (EBS) and broadcast of EBS messages will be simulated. Upon recommendation from the State EOC, all public alerting actions will be initiated by the two county sheriffs, after appropriate coordination has occurred.

14. Demonstrate ability to formulate and distribute appropriate instructions to the public, in a timely fashion.

This is a County responsibility, and will be simulated during the exercise, after appropriate consultation with the JPIC.

15. Demonstrate the organizational ability and resources necessary to manage an orderly evacuation of all or part of the plume EPZ.

This is a County responsibility, with additional resources available from the State, at County request. (State resources will not be called upon during this exercise). There will be a simulated radioactive release from the Point Beach Nuclear Power Plant 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 in one County. A precautionary evacuation will be conducted in the other County. Further details on these evacuations will be provided during the State briefing of federal observers prior to the exercise.

16. Demonstrate the organizational ability and resources necessary to deal with impediments to evacuation, as inclement weather or traffic obstructions.

This is a County responsibility. However, this objective will not be tested during this exercise.

17. Demonstrate the organizational ability and resources necessary to control access to an evacuated area.

This is a County responsibility. Access control will be carried out under the provisions of Tab F of the County Plans (ATTACHMENTS V and 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.

18. Demonstrate the organizational ability and resources necessary to effect an orderly evacuation of mobility-impaired individuals within the plume EPZ.

This is a County responsibility. However, this objective will not be demonstrated during this exercise.

19. Demonstrate the organizational ability and resources necessary to effect an orderly evacuation of schools within the plume EPZ.

This is a County responsibility. Evacuations in both Kewaunee and Manitowoc Counties (see Objective 15) will be carried out using one busload of students (approximately 20-30) in each County.

20. Demonstrate ability to continuously monitor and control emergency worker exposure.

Monitoring and exposure control for State emergency workers will not be demonstrated during this exercise. Monitoring and exposure control for County emergency workers will be effected under the provisions of Tab E of the County Plans (ATTACHMENTS V and 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. Instructions for stay times for emergency workers will be implemented by the County RDO upon determination and recommendations of the SRC.

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

This objective was demonstrated during the LACBWR Exercise on June 19, 1984 and therefore will not be demonstrated during this exercise.

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

This objective was demonstrated during the LACBWR Exercise on June 19, 1984 and therefore will not be demonstrated during this exercise.

23. Demonstrate ability to effect an orderly evacuation of on-site personnel.

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.

24. Demonstrate ability to brief the media in a clear, accurate and timely manner.

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 between 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. A DHSS representative will be available to provide technical information, analyze Utility data, and answer questions as needed. Public information activities will be conducted under the provisions of ATTACHMENT D to the State Plan and Tab D of the County Plans (ATTACHMENTS V and W to the State Plan).

25. Demonstrate ability to provide advance coordination of information released.

News releases on off-site conditions and the status of off-site response activities will be made from the JPIC under the direction of the State PIO's in consultation with County and Utility representatives. Information content will be coordinated with State and County EOC's and the Utility. While State PIO's will be prepositioned, the Utility will handle its public information function from its

corporate headquarters in Milwaukee until its PIO's have been dispatched and reach the JPIC. Accordingly, the JPIC will not be operational until well into the exercise. Once operational, all news releases should be made from the JPIC. Earlier news releases, if made at the County level or from the Utility in Milwaukee, will first be coordinated with the State EOC.

26. Demonstrate ability to establish and operate rumor control in a coordinated fashion.

This is a State responsibility. However, this objective will not be demonstrated during this exercise. The utility will designate some telephone lines in the JPIC as rumor control lines and will disseminate these numbers for that purpose.

27. Demonstrate adequacy of procedures for registration and radiological monitoring of evacuees.

Registration of Manitowoc County evacuees will be conducted at the Roncalli High School reception center in Manitowoc, Wisconsin by county personnel. Registration of Kewaunee County evacuees will be conducted at the Algona High School reception center in Algona, Wisconsin by county personnel. Radiological monitoring will be conducted by a State health team at both locations.

28. Demonstrate adequacy of facilities for mass care of evacuees.

One congregate care facility will be activated in Kewaunee County at the Algona Elementary School. One congregate care facility will be opened in Manitowoc County at a location yet to be determined. This location will be provided during the State briefing of federal observers prior to the exercise. The Counties will be responsible for the mass care of evacuees under the provisions of Tab J of the County Plans (ATTACHMENTS V or W to the State Plan).

29. Demonstrate adequate equipment and procedures for decontamination of emergency workers, equipment and vehicles.

This is a State responsibility. However, this objective will not be demonstrated during this exercise.

30. Demonstrate adequacy of ambulance facilities and procedures for handling contaminated individuals.

This is a County responsibility. However, this objective will not be demonstrated during this exercise.

31. Demonstrate adequacy of hospital facilities and procedures for handling contaminated individuals.

Two Rivers Community Hospital participates in a drill with the utility which demonstrates this objective on an annual basis. The most recent drill of that type was held on March 13, 1984. This objective will not be demonstrated during this exercise.

32. Demonstrate ability to identify need for, request, and obtain Federal assistance.

This is a State responsibility. However, this objective will not be demonstrated during this exercise.

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

Since the County EOC's are located outside the EPZ, this objective does not apply.

34. Demonstrate ability to estimate total population exposure.

This is a State responsibility. However, this objective will not be demonstrated during this exercise.

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

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 Standing Operating Procedures (SOPs) identified as "Post Accident Operations" in ATTACHMENT A to the State Plan and in all applicable Tabs of the County Plans (ATTACHMENTS V and W to the State Plan).



**State of Wisconsin**  
Department of Administration

**DIVISION OF EMERGENCY GOVERNMENT**

4802 Sheboygan Avenue • Madison, Wisconsin

**Anthony S. Earl**  
Governor

**Doris J. Hanson**  
Secretary

Mailing Address:  
Post Office Box 7665  
Madison, WI 53707  
Phone: 608/266-3232

July 31, 1984

Mr. Wallace Weaver, Chief  
Technological Hazards Branch  
Federal Emergency Management Agency-Region V  
300 South Wacker Drive - 24th Floor  
Chicago, IL 60606

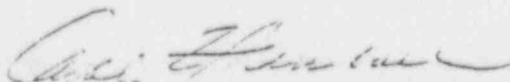
Dear Mr. Weaver:

This transmits the scenario which will guide Wisconsin's off-site response to the exercise of the Point Beach Nuclear Power Plant on September 11, 1984.

Kewaunee and Manitowoc counties will be fully participating in this exercise. The State of Wisconsin will be partially participating, using DEG personnel to simulate the involvement of other state agencies so that the county-level response will be adequately supported. The State radiological function will also be partially exercised through the Department of Health and Social Services, Radiation Protection Section.

Additional information, including locations of all state and local facilities to be activated during the exercise, will be provided at the briefing of federal observers prior to the exercise. I look forward to your favorable review of the scenario. If you have any questions, please contact me at (608)266-3232 or David Speerschneider at (608)266-1899.

Sincerely,

  
Carol Z. Hemersbach  
Administrator

CZH.sr

Enclosure

cc: Rick Anthony, FEMA Battle Creek  
David Speerschneider

60 84 11 09



STATE OF WISCONSIN  
PARTIAL PARTICIPATION EXERCISE  
POINT BEACH NUCLEAR POWER PLANT  
SEPTEMBER 11, 1984

SEQUENCE OF EVENTS  
(Scenario)

<u>Real Time</u>	<u>Emergency Response Activities</u>	<u>Communication System</u>
<u>0715</u>	<u>1. NOTIFICATION OF UNUSUAL EVENT</u>	
	1a. Wis. DEG Duty Officer (DO) receives <u>NOTIFICATION OF UNUSUAL EVENT</u> at Point Beach Nuclear Power Plant.	NAWAS
	1b. DO verifies incident with Point Beach Nuclear Power Plant.	Comm. Telephone
	1c. DO notifies State DEG Administrator.	Comm. Telephone
	1d. DO notifies DHSS DO; requests that the State Radiological Coordinator (SRC) be notified.	Comm. Telephone
<u>0820</u>	<u>2. SITE AREA EMERGENCY</u>	
	2a. DO is notified of change to <u>SITE AREA EMERGENCY</u> status at Point Beach Nuclear Power Plant (East Central Area and Counties are also notified).	NAWAS or Comm. Telephone
	2b. DO verifies <u>SITE AREA EMERGENCY</u> with Point Beach Nuclear Power Plant.	Comm. Telephone
	2c. DO notifies State DEG Administrator who orders immediate activation of State, Area, and County EOC's.	Comm. Telephone or Verbal
	2d. DO notifies DHSS DO; requests that the SRC be notified to report to the State EOC.	Comm. Telephone

September 11, 1984  
(Scenario)

Real Time

Emergency Response Activities

Communication System

- 2e. DC confirms with East Central Area Director; requests that he notify Kewaunee and Manitowoc counties to activate their EOC's and that the Area EOC also be activated as back-up for communications support. L.G. Radio, Red Phone, Comm. Telephone or TIME
- 2f. DO initiates Wisconsin staff alert and recall to begin activation of the State EOC. Comm. Telephone or Verbal
- 2g. Wis. DEG contacts SRC at State EOC or enroute; requests SRC to consider the need for dispatching Radiological Emergency Response Field Monitoring Teams and/or the State Radiological Mobile Laboratory; and to advise of actions taken. Comm. Telephone or Verbal
- 2h. Wis. DEG briefs Governor's office on the status of the emergency. SITE AREA EMERGENCY status declared in State. The State EOC is operational with minimum staffing. Field Services state staff are dispatched as liaisons to Kewaunee and Manitowoc counties, and to East Central Area EOC. Comm. Telephone or Verbal
- 2i. Wis. DEG notifies FEMA and Region V states of SITE AREA EMERGENCY and actions taken at State EOC, Area EOC, and County EOC's. Requests FEMA to be the single point of contact to coordinate all federal response. CDNATS Teletype or CDNAVS Phone
- 2j. Wis. DEG advises East Central Area, and the counties that the Joint Public Information Center (JPIC) is being established at the Community House in Two Rivers, with the utility, county, and State Public Information Officer (PIO) representatives. PIO's are instructed to report to the JPIC. TIME, Red Phone or Comm. Telephone
- 2k. Officer-In-Charge (OIC) briefs State EOC staff on the status of the emergency and instructs the staff to review emergency response plans. Verbal

September 11, 1984  
(Scenario)

<u>Real Time</u>	<u>Emergency Response Activities</u>	<u>Communication System</u>
	21. Wis. DEG tests communication links with Area, and County EOC's; advises them that State EOC is fully operational and requests Area and counties to advise of their own operational status.	Microcomputer
	2m. Wis. DEG advises Point Beach Nuclear Power Plant of operational status of State, Area and County EOC's; requests that OIC be notified of all Emergency Action Level (EAL) changes and protective action recommendations. All radiological conditions and dose assessment results should be discussed with the SRC.	Comm. Telephone or Telecopier
	2n. SRC informs State DEG Administrator that RAD field monitoring teams and Radiological Mobile Laboratory have been deployed; informs her as to present conditions in the vicinity of the plant and recommends appropriate protective actions; advises Administrator that as a precaution, Radiological Emergency Response Health Monitoring Teams have been dispatched to the appropriate Reception Centers.	Verbal
	2o. Wis. DEG advises East Central Area, JPIC, and counties of current status and recommends protective actions based on SRC's recommendations, including activation of sirens and EBS, if appropriate. It is suggested that since the emergency may be lengthy they should plan for shift change. Second shift should be briefed prior to making shift change.	TIME, NAWAS or Comm. Telephone
	2p. Wis. DEG requests JPIC to issue a general news release and to conduct a media briefing on proposed protective actions per discussions with SRC and State Department of Agriculture, Trade and Consumer Protection.	Comm. Telephone or Microcomputer

September 11, 1984  
(Scenario)

Real Time

Emergency Response Activities

Communication System

- 2q. Wis. DEG notifies FEMA and Region V states of current status and of actions being taken. CDNATS Teletype or CDNAVS Phone
- 2r. Wis. DEG instructs County EOC's to monitor and advise State EOC of protective action responses (evacuation progress, road block locations, securing of perimeter, traffic flows, and congregate care centers, etc.). Counties are instructed to contact the State EOC and the JPIC with evacuation routes and congregate care center information for dissemination to public. TIME, L.G. Radio, Microcomputer, Red Phone, or Comm. Telephone
- 2s. Wis. DEG requests County EOC's to begin monitoring stay times of emergency workers in radiation affected Sectors. TIME or Comm. Telephone
- 1130 2t. Shift change (approximate time) at State EOC. Second shift to be briefed on current status and told to report in stages. Verbal
- 2u. Wis. DEG requests updated report on status of protective action response from County EOC's. TIME, or Comm. Telephone, or Microcomputer
- 2v. Wis. DEG advises FEMA and Region V states of current status and actions taken. CDNATS Teletype or CDNAVS Phone
- 1400 2w. Wis. DEG, East Central Area, and counties notified by Point Beach Nuclear Power Plant that plant situation is stabilizing. NAWAS or Comm. Telephone
- 2x. Wis. DEG verifies with Point Beach. TIME, NAWAS or Comm. Telephone and/or Microcomputer
- 2y. Wis. DEG informs JPIC, East Central Area, and counties and advises them to await recommendations of the SRC before relaxing protective actions. State EOC staff is briefed. L.G. Radio, Red Phone, Comm. Telephone or TIME

September 11, 1984  
(Scenario)

<u>Real Time</u>	<u>Emergency Response Activities</u>	<u>Communication System</u>
<u>1430</u>	<u>3. POST-ACCIDENT OPERATIONS</u>	
	3a. Wis. DEG, East Central Area and counties are notified by Point Beach Nuclear Power Plant that plant conditions have normalized and that they have de-escalated to <u>UNUSUAL EVENT</u> status.	NAWAS or Comm. Telephone
	3b. Wis. DEG verifies plant condition and status.	TIME, NAWAS Comm. Telephone and/or Verbal
	3c. Wis. DEG requests SRC to monitor situation and to recommend appropriate recovery actions and EAL's based on off-site conditions. Administrator confers with Governor on current situation and status of the emergency. State EOC staff is briefed.	Comm. Telephone and/or Verbal
	3d. Wis. DEG instructs counties to await State SRC recommendations on off-site conditions before relaxing emergency response activities.	NAWAS Comm. Telephone, TIME, and/or Microcomputer
	3e. State DEG Administrator discusses current situation with Governor. State staff briefed.	Comm. Telephone and/or Verbal
	3f. Based on recommendations of SRC and consultation with Governor, Wis. DEG advises East Central Area, JPIC, and counties that the State of Emergency is ended and that post-accident operating procedures are to be implemented; instructs counties to hold staff briefings and to begin recovery process. Counties are directed to inform Wis. DEG when post-accident operations have been completed.	TIME, Microcomputer, and Comm. Telephone
	3g. Wis. DEG instructs JPIC to disseminate news releases on recovery procedures in process.	Microcomputer or Comm. Telephone
	3h. Wis. DEG notifies FEMA and Region V states of status of emergency, de-escalation and actions taken.	CDNATS Teletype or CDNAVS Phone
	3i. Kewaunee and Manitowoc Counties advise Wis. DEG that their congregate care centers have closed and that traffic flow in the area is near normal.	Comm. Telephone TIME, or Microcomputer

September 11, 1984  
(Scenario)

Real Time

Emergency Response Activities

Communication System

- |   |   |
|---|---|
| 3j. Wis. DEG holds State EOC staff briefing and SRC provides update report on recovery progress and information on human, animal, plant, and water effects of the incident. Advises that recall of State Health and Field Monitoring Teams is in progress.  | Verbal                                  |
| 3k. Wis. DEG advises East Central Area EOC, and counties that recovery has been completed and that the exercise has been terminated. Counties are instructed to remain on <u>ALERT</u> status for 24 hours with normal staffing. County and Area EOC's are to be de-activated and <u>staff released</u> . | Comm. Telephone, TIME, or Microcomputer |
| 3l. Wis. DEG advises JPIC of exercise termination and instructs closing of JPIC after final news releases have been made.   | Microcomputer or Comm. Telephone        |
| 3m. Wis. DEG advises FEMA and Region V states of termination of exercise and final report of actions taken.   | CDNATS Teletype or CDNAVS phone         |
| 3n. State EOC de-activated and staff released.  | Verbal                                  |

EXERCISE TERMINATED



**State of Wisconsin**  
Department of Administration

**DIVISION OF EMERGENCY GOVERNMENT**

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**Anthony S. Earl**  
Governor

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April 6, 1984

Mr. Wallace Weaver, Chairman  
Regional Assistance Committee - Region V  
Federal Emergency Management Agency  
300 South Wacker Drive, 24th Floor  
Chicago, IL 60606

Dear Mr. Weaver:

Attached is our response to the list of deficiencies in FEMA's Exercise Report on the exercise of off-site radiological emergency preparedness plans for the Kewaunee Nuclear Power Plant, conducted on November 1, 1983. While we have responded to these deficiencies, I would like to express my concern about the way in which several recent changes in administrative procedures have been introduced by FEMA.

The first of these relates to the institution of the use of the 35 exercise objectives as outlined in the McLoughlin memo of August 5, 1983. A copy of this document (the memo terms it to be "interim") was delivered to us by Dan Bement last Fall and we were told that the objectives contained therein would be tested at the Kewaunee Exercise. In practice, they have become the basis for both the recent Prairie Island Exercise and for the upcoming exercise at LACBWR. FEMA, however, has never formally informed the State that this is now established policy. Is it?

Even more significant is the policy change which is implied by the Kewaunee Report. Previously, state and local governments had only to prepare a written response and schedule of corrective actions to "significant deficiencies" identified in the exercise report (now called "Deficiencies Affecting Public Health and Safety"). Other concerns of lesser importance and termed "minor deficiencies" did not require a response. (These are now identified as "other deficiencies" in the Kewaunee Report). Since your letter transmitting the Kewaunee Report required a schedule of corrective actions to all listed deficiencies, this is a significant policy change.

25 :01 78 1

APR 11 1984

Wisconsin  
(State)

Wisconsin  
(Community)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1981  
(Date)

B. Other Deficiencies

<u>NUREG</u> <u>Item</u>	<u>Narrative Statement</u> <u>of Deficiency</u>	<u>Corrective Action</u> <u>Proposed</u>	<u>Scheduled</u> <u>Date *</u>	<u>Actual</u> <u>Date</u>
A.2.	The SRC does not provide technical staffing at the Media Center.	A DHSS Section of Radiation Protection staff member served in this capacity at the Prairie Island Exercise. A member of this staff or other qualified individual, as designated by the SRC will be provided at each "full participation" exercise and in the event of an actual emergency.	03/13/84	
A.4.	The Public Service Commission did not demonstrate a two shift capability at the utility EOF.	It is not necessary to demonstrate this "two-shift" capability during an exercise. In an actual emergency, sufficient staff from the PSC would be provided for this purpose.	None	
D.3.	The SRC staff at the State EOC Madison did not maintain up-to-date status boards early in the exercise.	Provision will be made to maintain current information on the status board located in the SRC-assigned area adjacent to the State EOC at subsequent exercises.	06/19/84	
E.6.	Releases to the print media and TV did not contain the call letters and frequency of the EBS radio station.	This correction will be made in subsequent exercises.	06/19/84	

\*NOTE: For each NUREG item, the stated corrective action will be (or was) taken as soon as possible, but no later than the date specified. In most cases this is the date of the next exercise which will offer (or offered)



## Summary Listing of Deficiencies

(Date)

## B. Other Deficiencies

NUREG Item	Narrative Statement of Deficiency	Corrective Action Proposed	Scheduled Date*	Actual Date
E.6.	Evacuation and sheltering instructions were not released coincidental with the declaration of the General Emergency and the sounding of the sirens.	County PIO's will be instructed to include this information in EBS releases.	10/30/85	
E.6.	Sheltering and evacuation instructions were not directed to transients without appropriate shelter.	Same as above.	10/30/85	
E.6.	Information concerning the evacuation of school children was not included in releases.	Same as above.	10/30/85	
F.1.a.	Telephonic communications between the State Area EOC and the counties was difficult to maintain as the phone lines were generally busy.	It is not clear why this concern is expressed under NUREG item F.1.a. which is directed at 24-hour capability. Moreover, this is not seen as a problem, since the Area EOC is principally used as a radio relay point to provide redundant communications. The cost of providing a dedicated phone line is considered to be prohibitive.	None	
F.1.d.	Only a single common telephone line was provided for the Public Service Commission representative at the EOC and the Mobile Radiological Laboratory located adjacent to the EOC.	The State has negotiated with WPS for the provision of separate telephone lines at the EOC for the PSC representative and for the mobile laboratory.	03/01/84	

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Wisconsin  
(State)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1983  
(Date)

Wisconsin  
(Community)

B. Other Deficiencies

<u>NUREG Item</u>	<u>Narrative Statement of Deficiency</u>	<u>Corrective Action Proposed</u>	<u>Scheduled Date *</u>	<u>Actual Date</u>
1.8.	Discussions with personnel in the field revealed that SOP's still need to be developed for operation of the field mobile analyzer system.	SOP's for the operation of the field mobile analyzer system will be completed prior to the time the mobile lab is fully operational.	Indeterminate	
1.10.	The SRC and the utility do not have mutually understood data necessary for the State to independently verify off-site projections.	The Section of Radiation Protection will work with WPS to develop mutually understood data allowing for independent State verification of off-site projections.	10/30/85	
N.1.a.	The scenario did not provide for all activities that are done by the field monitoring teams.	State/local KI policies and procedures were not proposed for testing at this exercise. They will be tested during the LACEWR exercise. This question should have been raised by FEMA when they received the scenario prior to the exercise.	06/19/84	

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Wisconsin  
(State)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1983  
(Date)

Wisconsin  
(Community)

B. Other Deficiencies

<u>NUREG Item</u>	<u>Narrative Statement of Deficiency</u>	<u>Corrective Action Proposed</u>	<u>Scheduled Date*</u>	<u>Actual Date</u>
F.1.d.	The State Radiological Coordinator's staff did not establish early direct communications with the utility ECF.	This will be done in future exercises.	06/19/84	
F.1.d.	Data and information pertinent to operations was not made available to all parties.	SOP's will be developed and additional operational training will be provided to improve the communications flow among the radiological assessment operations.	06/19/84	
G.3.a.	"Hot Lines" are long distance toll calls from the Kewaunee area.	The State will discuss the possibility of relocation of "hot line" public access to the JPIC rather than to the Corporate headquarters in Green Bay.	10/30/85	
G.3.a.	Media Center staff did not monitor TV and radio broadcasts to check adequacy of media releases.	The JPIC staff will be directed to monitor radio and TV broadcasts to check adequacy of news releases.	06/19/84	
H.10.	Instruments were not tagged to indicate the calibration status of the equipment.	Instruments will be tagged with the latest calibration dates.	09/11/84	
H.10.	The field teams did not have a radioactive source to use in performing operational checks of the equipment.	A radioactive source will be distributed with appropriate procedures for checking the operational status of the equipment.	09/11/84	

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Wisconsin  
(State)

Kewaunee County  
(Community)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1983  
(Date)

B. Other Deficiencies

<u>NUREG Item</u>	<u>Narrative Statement of Deficiency</u>	<u>Corrective Action Proposed</u>	<u>Scheduled Date*</u>	<u>Actual Date</u>
A.4.	Relocation Center personnel did not demonstrate a capability for continuous operations.	Relocation center did demonstrate a complete shift change.	None	
D.3.	Maps were not posted with appropriate exercise data.	Maps will be posted with appropriate data and updated.	09/11/84	
D.3.	Briefings and conversations within the EOC included use of some incorrect terminology, i.e., "Site Alert."	Training on terminology used within EOC pertaining to nuclear plant incidents will be held with all EOC personnel.	09/11/84	
F.1.b.	The telephone system experienced frequent breakdowns.	The telephone company made necessary checks and corrections. With the new EOC a new telecommunications system will be used.	When new EOC is completed	
F.1.b.	There is a problem with the interconnection between the microcomputer and the telephone system.	The telephone company made necessary corrections in equipment. When new EOC is completed, this facility will be separate and dependable.	When new EOC is completed	
G.4.b.	Prescribed messages were not transmitted to the EBS station.	Additional training in implementing public alerting procedures in the County Plan will be provided prior to the next exercise;	09/11/84	

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Wisconsin  
(State)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1983  
(Date)

Kewaunee County  
(Community)

B. Other Deficiencies

<u>NUREG Item</u>	<u>Narrative Statement of Deficiency</u>	<u>Corrective Action Proposed</u>	<u>Scheduled Date *</u>	<u>Actual Date</u>
J.10.a.	Utility provided maps had reverse and inverted orientation.	New maps are being furnished by the utility.	03/01/84	
J.10.d.	Information on the location of mobility impaired individuals/special needs individuals was not available in the EOC.	This inventory is being compiled through the Health and Social Services Department of Kewaunee County.	07/01/84	
J.10.e.	The County has not accepted the State program for use of KI.	Kewaunee County has accepted the State program on KI.	09/27/83	
J.12.	The State monitoring/decontamination teams did not demonstrate decontamination procedures including the disposal of contaminated materials.	Procedures are in place for decontamination/disposal. It is not felt that these procedures need to be frequently tested. These procedures will be tested at the IACBWR exercise.	06/19/84	
K.3.a.	Permanent record radiological exposure control devices are not available for emergency workers.	No permanent record of radiological devices have been made available to local emergency workers in any of Wisconsin's "risk" counties. Acquisition of TLD's or some other type of permanent record device for use by State and local emergency workers is currently under consideration by the State of Wisconsin.	Indeterminate	

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Wisconsin  
(State)

Kewaunee County  
(Community)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1983  
(Date)

B. Other Deficiencies

<u>NUREG</u> <u>Item</u>	<u>Narrative Statement</u> <u>of Deficiency</u>	<u>Corrective Action</u> <u>Proposed</u>	<u>Scheduled</u> <u>Date</u> *	<u>Actual</u> <u>Date</u>
K.3.b.	Cards for maintenance of dose records were not prepared nor were they available in the RADEF Officer or Health Officer emergency supplies.	Cards for maintenance of dose records are prepared and available to the RDO and the Public Health Officer.	None	
K.3.b.	Instructions for reading dosimeters should be included in the emergency workers dosimetry kits.	Instructions for reading dosimeters will be included in dosimeter kits.	04/01/84	
K.5.b.	Although decontamination is a State function, County authorities were not aware of the time, and location, when these procedures would be carried out.	Additional information relative to decontamination procedures will be included in the County Plan or the State Plan will be referenced.	08/84	

\*NOTE: For each NUREG item, the stated corrective action will be (or was) taken as soon as possible, but no later than the date specified. In most cases this is the date of the next exercise which will offer (or offered)

Wisconsin  
(State)

Manitowoc County  
(Community)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1984  
(Date)

B. Other Deficiencies

<u>NUREG Item</u>	<u>Narrative Statement of Deficiency</u>	<u>Corrective Action Proposed</u>	<u>Scheduled Date</u> *	<u>Actual Date</u>
J.10.a.	Roads from the reception center to the congregate care center(s) are not posted and maps were not available for use by transient population or others not familiar with the area.	Roads from the reception center to the congregate care facility will be posted and maps will be made available for transients.	09/11/84	
J.10.d.	Lists of mobility impaired persons and those without transportation are not available in the EOC.	Only one resident facility, a nursing home falls within the Point Beach plant EPZ (at the outer limit). Medical staff have decided not to evacuate this facility in an emergency situation. The County has contacted 6-8 social service agencies to assist in developing lists of mobility impaired and received no response. Residents of the EPZ will be requested to complete and mail back a survey form to be included with the utilities informational brochure to be mailed out in August, 1984. A minimal response is expected.	Indeterminate	

\*NOTE: For each NUREG item, the stated corrective action will be (or was) taken as soon as possible, but no later than the date specified. In most cases this is the date of the next exercise which will offer (or offered) an opportunity for federal observers to evaluate the corrective action taken.

Wisconsin  
(State)

Exercise Kewaunee Nuclear Power Plant  
Summary Listing of Deficiencies

November 1, 1987  
(Date)

Manitowoc County  
(Community)

B. Other Deficiencies

<u>NUREG</u> <u>Item</u>	<u>Narrative Statement</u> <u>of Deficiency</u>	<u>Corrective Action</u> <u>Proposed</u>	<u>Scheduled</u> <u>Date</u> *	<u>Actual</u> <u>Date</u>
K.3.a.	Pocket dosimeters for emergency workers do not include a unit that exceeds the EPA Guideline of 25 R.	County emergency workers will be required to leave contaminated areas if or when their dosimeters read the maximum 20 R reading, and will not be allowed to return.	None	
K.3.a.	Emergency workers were not provided with permanent record devices.	As indicated in the response to the same deficiency raised for Kewaunee County, the State is currently considering acquisition of permanent record devices for use by State and county emergency workers.	Indeterminate	

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