

# INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631  
COLUMBUS, OHIO 43216

September 16, 1983  
AEP:NRC:0848

Donald C. Cook Nuclear Plant Nos. 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74  
Emergency Plant Exercise for November 30, 1983

Mr. James G. Keppler, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

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Dear Mr. Keppler:

Attached find the Scope of Exercise and Objectives to be fulfilled during the November 30, 1983 Emergency Preparedness Exercise. This letter and its attachments are submitted in response to your January 12, 1982 request and August 26, 1983 reminder to submit scheduled exercise information to ensure adequate review and coordination with all participating organizations.

The scope and objectives were developed during a joint on site meeting on September 7, 1983, with representatives from the State of Michigan and FEMA. At that meeting, FEMA presented the document "Modular Format for Uniformity of Radiological Emergency Preparedness Exercise Observations and Evaluations," June 1983. This document contained a standardized list of exercise objectives cross-referenced to specific modules and planning standards and elements of FEMA-REP-1. Although this document and the standardized objectives were submitted quite late for adequate evaluation, we have attempted to develop the exercise scope and objectives to be consistent with this

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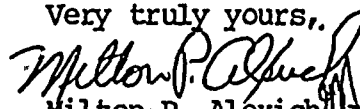
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material. This scope and the objectives are considered to be preliminary and subject to change.

In accordance with the guidelines of your January 12, 1982 letter, it is our intention to submit the exercise scenario by October 17, 1983. If the Scope of Exercise and Objectives are revised as a result of input from FEMA, State, or local agencies, we will advise you at that time. The completed controller/prompter package containing the information to be supplied to the observers and participants will be submitted by November 10, 1983. As per your August 26, 1983 letter, this submittal has not been distributed to the public document room. It is our understanding that your office will assume this responsibility after the exercise.

This document has been prepared following Corporate Procedures which incorporate a reasonable set of controls to ensure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

  
Milton P. Alexich  
Vice President

MPA/edg

cc: John E. Dolan  
R. W. Jurgensen  
W. G. Smith, Jr. - Bridgman  
R. C. Callen  
G. Charnoff  
B. K. Grimes, Director, Division of Emergency Preparedness  
NRC Region III Resident Inspector - Bridgman



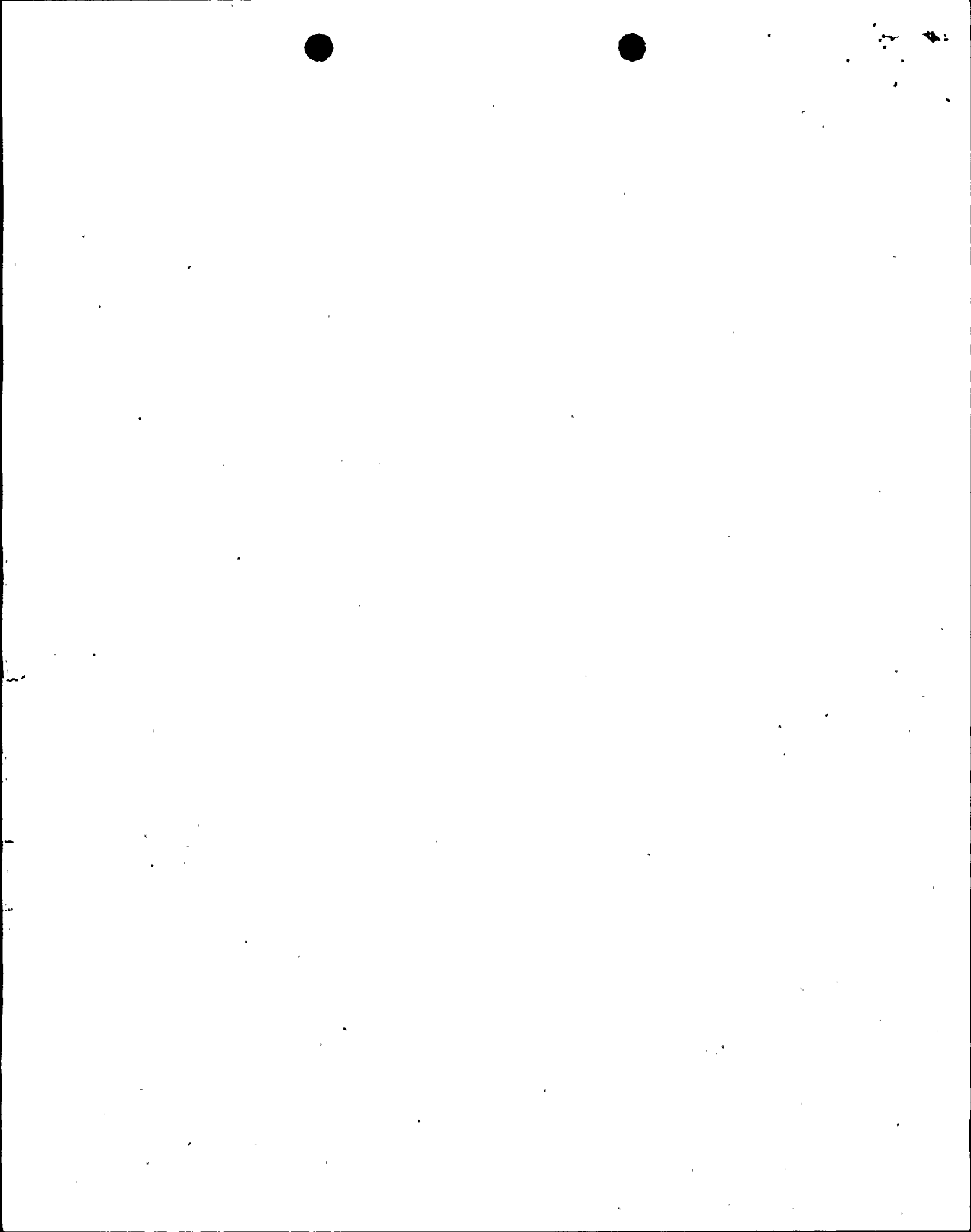
ATTACHMENT 1 TO AEP:NRC:0848

EXERCISE DATE: November 30, 1983

SCOPE OF EXERCISE: The exercise will be developed to ensure that simulated emergency conditions exist to demonstrate the coordination of the Indiana & Michigan Electric Company, State and local agencies response to a staged nuclear accident. The exercise will involve preplanned responses to escalating emergency conditions at the Plant, providing for the establishment of communication and interplay between Company and Governmental response organizations as outlined in the Donald C. Cook Nuclear Plant Emergency Plan. Specific objectives for the exercise are listed below.

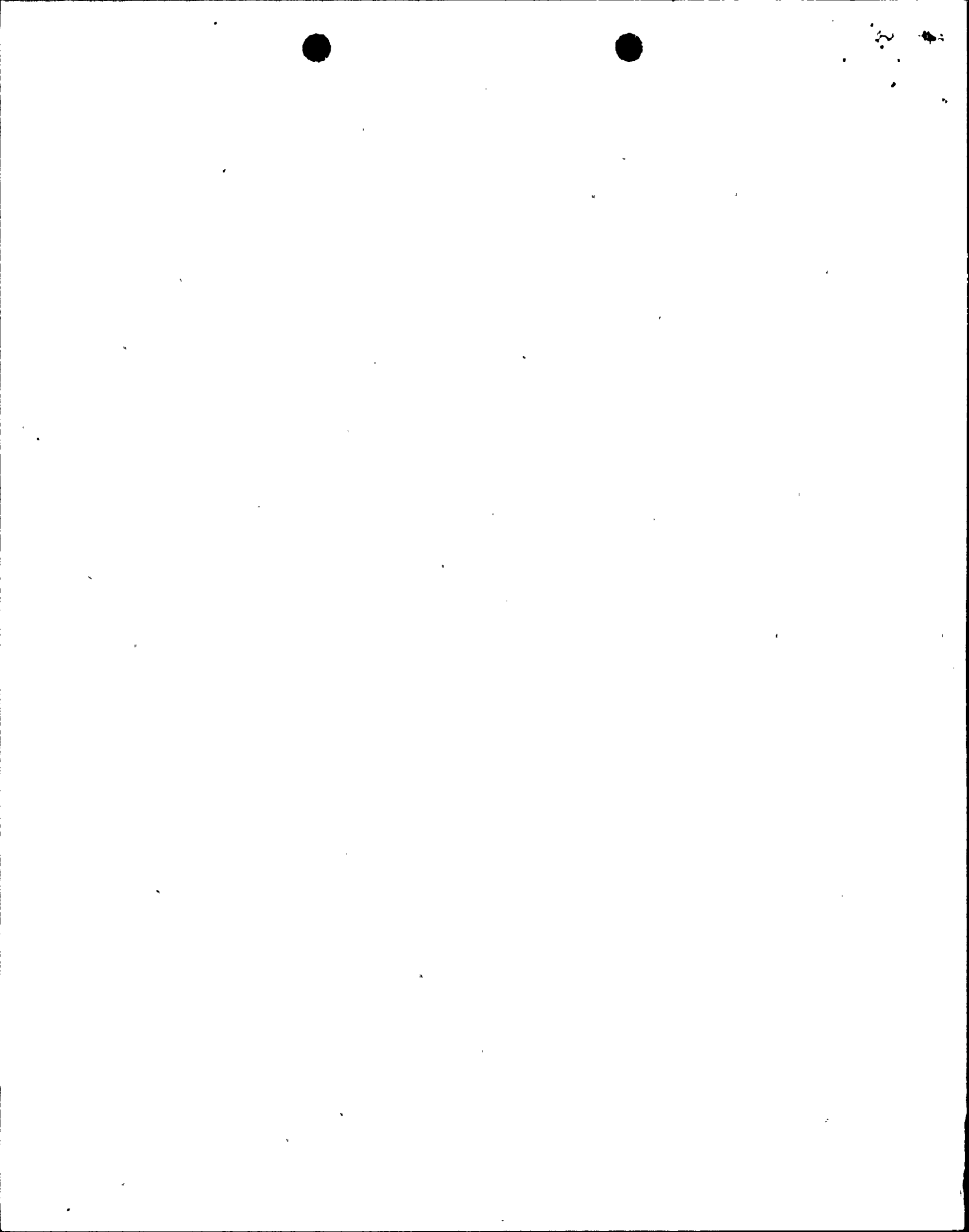
EXERCISE OBJECTIVES: Indiana & Michigan Electric Company  
Emergency Response Organization

1. Demonstrate the ability to activate the emergency organization and staff the Plant emergency response facilities, including the Control Room, Technical Support Center, Operations Staging Area, Emergency Operations Facility, the American Electric Power Service Corporation Engineering Emergency Operating Facility and the Joint Public Information Center.
2. Demonstrate the adequacy of facilities and displays to support emergency operations.
3. Demonstrate the reliability and effective use of emergency communications equipment and procedures.
4. Demonstrate the ability of appropriate individuals to direct the required emergency organizations in the implementation of the emergency plan and emergency plan implementation procedures.



ATTACHMENT 1 TO AEP:NRC:0848 (continued)

5. Demonstrate the ability of the emergency organization to assess the incident conditions to determine which emergency action levels have been reached and to properly classify the incident.
6. Demonstrate the Corporate and Plant ability to perform dose calculations utilizing radiological survey information and make appropriate recommendations concerning protective actions utilizing all relevant factors.
7. Demonstrate the ability of on-site field monitoring teams to use emergency equipment to perform radiological surveys and report results.
8. Demonstrate appropriate equipment and procedures for determining ambient radiation areas.
9. Demonstrate adequate equipment and procedures for decontamination of on-site emergency workers and equipment, as required.
10. Demonstrate the ability of the Plant to provide the JPIC with accurate and timely information so reports may be made to the news media.
11. Demonstrate the capability of developing clear and accurate public information releases in conjunction with State and local representatives at the JPIC.
12. Demonstrate the organization's ability to communicate system-wide and control rumors.
13. Demonstrate the ability to monitor and control emergency worker exposure within the Plant.
14. Demonstrate the ability to perform personnel accountability, search and rescue, as required.
15. Demonstrate the Plant and Corporate ability to conduct recovery operations, as required (table top exercise).





ATTACHMENT 1 TO AEP:NRC:0848 (continued)

16. Due to the demands placed upon the Plant and Corporate organizations to simultaneously operate the Plant in a normal mode and participate in the exercise, demonstration of shift relief capabilities will be limited to a display of personnel assignment schedules.

Berrien County and the State of Michigan

1. Demonstrate ability to mobilize staff and activate facilities promptly.
2. Demonstrate ability to fully staff facilities and maintain staffing around the clock.
3. Demonstrate ability to make decisions and to coordinate emergency activities.
4. Demonstrate adequacy of facilities and displays to support emergency operations.
5. Demonstrate ability to communicate with all appropriate locations, organizations, and field personnel.
6. 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.
7. 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.
8. Demonstrate ability to alert the public within the ten (10) mile EPZ, and disseminate an initial instructional message, within fifteen (15) minutes, up to the point of actually sounding the sirens and notifying the public.

ATTACHMENT 1 TO AEP:NRC:0848 (continued)

9. Demonstrate ability to formulate and distribute appropriate instructions to the public, in a timely fashion, via JPIC only without EBS announcements.

10. Demonstrate the organizational ability necessary to manage an orderly evacuation of all or part of the Plume EPZ.

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

12. Demonstrate the organizational ability and resources necessary to control access to an evacuated area, including the demonstration of manned or barricaded access control points.

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

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

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

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

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

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

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

ATTACHMENT 1 TO AEP:NRC:0848 (continued)

20. Demonstrate adequacy of procedures for registration and radiological monitoring of evacuees by processing a limited number of personnel through a reception/decontamination center.

21. Demonstrate adequacy of facilities for mass care of evacuees through resource lists and staff; describing procedures for obtaining necessary cots, blankets, food supplies, etc.

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

23. Demonstrate ability to identify need for, request, and obtain federal assistance.

