

Iowa Electric Light and Power Company
May 4, 1984
NG-84-1734

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Mr. James G. Keppler
Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
1984 Emergency Preparedness Exercise Objectives

Dear Mr. Keppler:

Enclosed please find a copy of our 1984 Emergency Preparedness Exercise Objectives. This submittal also includes the objectives for the State of Iowa and Linn and Benton counties. These objectives are being forwarded to you for review at this time.

If you have any questions please contact Mr. Dave Hingtgen, Emergency Planning Coordinator, at (319) 398-4484.

Very truly yours,

R. W. McGaughy

Richard W. McGaughy
Manager, Nuclear Division

RWM/DJH/dmb*

Enclosures: 1) 1984 Emergency Preparedness Exercise Objectives
2) State of Iowa Exercise Objectives

cc: D. Hingtgen
L. Liu
S. Tuthill
J. Crandall - ODS
W. Bjorensen - Linn County CD
H. Stieglmeyer - Benton County CD
NRC Resident Office

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PDR ADOCK 05000331
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EXERCISE OBJECTIVES

The major objective of an Exercise is to evaluate the integrated capability and a major portion of the basic elements existing within the onsite and offsite emergency plans and emergency response organizations. Specific objectives of the Exercise to be demonstrated in various phases are listed below. The "free play" aspect of the Exercise will be emphasized where practical. The Exercise will:

1. Demonstrate the adequacy of the DAEC Emergency Plan, Emergency Plan Implementing Procedures, Corporate Emergency Response Plan, and Corporate Plan implementing procedures to ensure compliance with 10 CFR 50.47 and NUREG-0654.
2. Demonstrate the activation, staffing, and operation of emergency response facilities.
3. Demonstrate the reliability and effective use of emergency communications equipment/procedures.
4. Demonstrate proficiency in recognizing and classifying emergency conditions.
5. Demonstrate the notification network to Federal, State, local, corporate, and plant personnel.
6. Demonstrate coordination with State and local emergency response organizations.
7. Demonstrate capability to initiate an exercise between midnight and 6:00 a.m.
8. Demonstrate the transition of emergency responsibilities between facilities as a result of escalating accident classification.
9. Demonstrate the capability to determine radioactive release terms and to perform offsite dose projections.
10. Demonstrate a familiarity with Protective Action Guides (PAGs) and determination of protective action recommendations to offsite authorities.
11. Demonstrate the capability to obtain and analyze samples utilizing the post-accident sampling system.
12. Demonstrate appropriate equipment, procedures, and communication for onsite radiological monitoring.
13. Demonstrate the ability to perform site assembly, accountability and evacuation as appropriate.

14. Demonstrate the mobilization of onsite and offsite radiological monitoring teams.
15. Demonstrate the capability for offsite radiological monitoring to include collection and analysis of sample media and provision for communications and record-keeping associated with survey and monitoring activities.
16. Demonstrate the ability to monitor and control emergency worker exposure within the plant.
17. Demonstrate adequate equipment and procedures for decontamination of emergency workers and equipment, as required.
18. Demonstrate the capability to coordinate news releases and handle public inquiries.
19. Demonstrate the ability to conduct recovery operations.

Attachment 2

Iowa State Objectives Limited Scale

1. Demonstrate the capability to alert the appropriate emergency response agencies at the state level.
2. Demonstrate the capability to perform dose projections, and to formulate the appropriate protective action recommendations.
3. Provision of sufficient information amongst the appropriate emergency response agencies to implement protective action recommendations at the local level.
4. Demonstrate ability to conduct off-site field radiological surveys and monitor environmental conditions in coordination with the utility. This will include a demonstration of the Rad Lab capability with the University Hygienic Lab.
5. Provide sufficient information to allow the counties full-scale play as it relates to provision of timely and accurate information to the news media and the general public in coordination with the utility and to a lesser extent, the state.
6. Demonstrate adequate communications between appropriate emergency response facilities and field teams.

Linn County Objectives Full-Scale

1. Demonstrate the capability to alert and mobilize emergency response personnel.
2. Demonstrate the ability to activate the Linn County Emergency Operations Center (EOC).
3. Demonstrate the ability by Linn County Health personnel to assist in performing dose projections, and formulate the appropriate protective action recommendations.
4. Demonstrate the decision-making process relative to implementing protective action recommendations.
5. Demonstrate the capability to provide timely and accurate information to the news media and general public, in coordination with the utility and government agencies.
6. Demonstrate the capability of local jurisdictions to control access to areas potentially affected by off-site radioactive releases.
7. Demonstrate adequate communications between emergency response facilities and field activities.

Linn County Objectives (Continued)

8. Demonstrate the ability to assist in conducting off-site field radiological surveys and monitor environmental conditions in coordination with the utility.
9. Demonstrate the capability to alert participants in Food Ingestion Pathway System.
10. Demonstrate capability of activating newly installed Linn County Indoor Warning System.

Benton County Objectives
Full-Scale

1. Demonstrate adequate backup communications between emergency response personnel and facilities, especially to the EOF.
2. Initiate and demonstrate the decision-making process relative to implementing protective action recommendations.
3. Demonstrate the capability to provide timely and accurate information to the news media and the general public in coordination with the utility.
4. Demonstrate Benton County's role in recovery/re-entry operations.
5. Demonstrate the capability to alert and mobilize emergency response personnel.
6. Demonstrate the ability to activate the Benton County Emergency Operations Center.