

Commonwealth Edison Company
1400 Opus Place
Downers Grove, IL 60515



August 15, 1995

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Byron Station, Units 1 and 2
NRC Dockets 50-454, 50-455
Scope of Participation and Exercise Objectives
for the 1995 Byron Annual Exercise

Attached are the Scope of Participation and Exercise Evaluation Objectives for the 1995 Byron Annual Exercise, to be conducted on November 15, 1995. These are submitted in accordance with NRC requirements. Please note that these are exercise-related materials which should not be made available to potential exercise participants.

Please direct questions about this submittal, or about the Byron Exercise, to Mr. Paul Elkmann (Lead Developer) at 708-663-7328, or to Ms. Leslie Holden (Supervisor, Operations and Onsite Programs) at 708-663-6673.

Sincerely,

Martin J. Vonk
Licensing Administrator

attachments

cc : R. Jickling/J. Foster, Region III

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Byron Nuclear Generating Station
1995 GSEP Exercise
November 15, 1995

SCOPE OF PARTICIPATION

DATE : Wednesday, November 15, 1995

TYPE : Daytime Exercise, Partial State Participation

PURPOSE : The purpose of this Exercise is to test the basic elements of the ComEd Generating Stations Emergency Plan (GSEP). The Exercise will include the mobilization of ComEd personnel and resources to verify their capability to respond to a simulated emergency.

OFFSITE AGENCY PARTICIPATION :

- Partial Participation, State of Illinois
- * Radiological Emergency Assessment Center
 - * State Forward Command Post
 - * Joint Public Information Center
- Partial Participation, Ogle County, Illinois
- * Ogle County Emergency Operations Center

COMED FACILITIES ACTIVATED :

- * Simulator Control Room
- * TSC
- * OSC
- * Environs Teams
- * CEOF
- * EOF
- * JPIC

COMED FACILITIES NOT ACTIVATED : NONE

The exercise "Nuclear Duty Officer" will be notified of simulated events as appropriate on a real-time basis. The dispatch of exercise participants to the CEOF, Dixon EOF, and Dixon JPIC will be initiated by the exercise Nuclear Duty Officer. Exercise Participants will be prepositioned close the CEOF and EOF to permit the use of ComEd personnel from distant working locations.

<<< *** THIS IS AN EXERCISE *** >>>

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ComEd will demonstrate the capability to make contact with contractors whose assistance would be required by the simulated accident situation, but will not actually incur the expense of using contractor support, except as pre-arranged specifically for the Exercise.

ComEd will arrange to provide actual transportation and communications support in accordance with existing agreements to the extent specifically prearranged for the Exercise. ComEd will provide unforeseen actual assistance only to the extent that resources are available and do not hinder the normal operation of the Company.

All of the events described in this Exercise are simulated.

<<< *** THIS IS AN EXERCISE *** >>>

BYRON 1995 ANNUAL EXERCISE
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Evaluation Objectives Selected for the 1995 Byron GSEP Exercise

Critical Objectives		" * " denotes a critical objective. Critical objectives are selected by facility for terminal objectives only.
1. FACILITY DIRECTION AND CONTROL		
1.a	Demonstrate the ability to staff an ERF.	(CR, TSC, OSC, EOF, CEOF)
1.b	Demonstrate the ability to transfer Command and Control to and/or accept Command and Control from another Emergency Response Facility/area of responsibility.	(CR, TSC, EOF, CEOF)
1.c	Demonstrate the ability to direct and operate an ERF during an emergency event.	(CR, TSC, OSC, EOF, CEOF)
1.d	Demonstrate the ability to interface with the NRC Site Team.	(TSC, EOF)
2. ASSESSMENTS, CLASSIFICATIONS AND PROTECTIVE ACTION RECOMMENDATIONS		
2.a	Demonstrate the ability to classify an event for conditions.	(*CR, *TSC, *EOF, *CEOF)
2.b	Demonstrate the ability to identify and recommend protective actions.	(*CR, *TSC, *EOF, *CEOF)
2.c	Demonstrate the ability to analyze events from available information.	(CR, TSC, EOF, CEOF)
3. NOTIFICATIONS		
3.a	Demonstrate the ability to make notifications of classified events to offsite officials.	(*CR, *TSC, *EOF, *CEOF)
3.b	Demonstrate the ability to provide information updates to offsite officials.	(CR, TSC, EOF, CEOF)
4. COMMUNICATIONS AND INFORMATION PROCESSING		
4.a	Demonstrate the ability to communicate with offsite agencies.	(CR, TSC, EOF, CEOF)
4.b	Demonstrate the ability to communicate with other Emergency Response Facilities (ERF) and ComEd support groups.	(CR, TSC, OSC, EOF, CEOF, JPIC)
4.c	Demonstrate the ability to communicate within an ERF.	(CR, TSC, OSC, EOF, CEOF, JPIC)

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5. RADIATION PROTECTION	
5.a	Demonstrate the ability to provide radiation protection for onsite personnel. (TSC, OSC, EOF, CEOF) NOT SELECTED FOR THE CONTROL ROOM
5.b	Demonstrate the ability to provide control of radiation exposure. (TSC, OSC, EOF, CEOF) NOT SELECTED FOR THE CONTROL ROOM
5.c	Demonstrate the ability to establish and monitor effectiveness of ERF radiological controls. (TSC, OSC) NOT SELECTED FOR CONTROL ROOM AND EOF
5.d	Demonstrate the ability to provide onsite medical services. NOT SELECTED FOR CONTROL ROOM, TSC, AND OSC
6. ENVIRONS ASSESSMENT AND MONITORING (E = Environs Drill Objective)	
6.a	Demonstrate the ability to determine the magnitude of the source term of a release. (TSC, EOF, CEOF)
6.b	Demonstrate the ability to perform offsite dose projections. (TSC, EOF, CEOF)
6.c	Demonstrate the ability to obtain and use meteorological data. (TSC, EOF, CEOF) NOT SELECTED FOR THE CONTROL ROOM
6.d	Demonstrate the ability to direct Environs Team activities. (TSC, EOF)
6.e	Demonstrate the ability of the Environs Teams to collect environs samples and perform environmental monitoring. (ET)
6.f	Demonstrate the ability to perform as an Environs Group. (TSC, EOF)
7. IN-PLANT TEAM PERFORMANCE AND CONTROL	
7.a	Demonstrate the ability to dispatch and control In-Plant Teams (CR, TSC, *OSC)
7.b	Demonstrate the ability of In-Plant Teams to perform their assigned functions. (OSC)
7.c	Demonstrate the ability to collect and analyze RCS and Containment Atmosphere samples using High Radiation Sample System equipment. NOT SELECTED FOR TSC AND OSC

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8. SECURITY	
8.a	Demonstrate the ability of the Security Force, Security Director and Safeguards Specialist to implement the Security Plan during an emergency other than a security event driven scenario. <p align="right">(CR, TSC, EOF)</p>
8.b	Demonstrate the ability to establish access control at the ERFs. <p align="right">(CR, TSC, OSC, EOF, JPIC)</p>
8.c	Demonstrate the ability to assemble, account for and evacuate onsite personnel. <p align="right">(CR, *TSC, EOF)</p>
8.d	Demonstrate the ability of the Security Force, Security Director and Safeguards Specialist to implement the Security Plan during an emergency with a security event driven scenario. NOT SELECTED FOR CONTROL ROOM, TSC AND OSC
9. RECOVERY	
9.a	Demonstrate the ability to enter a Recovery classification. NOT SELECTED FOR TSC, CEOF AND EOF
9.b	Demonstrate the ability to formulate a Recovery Plan. NOT SELECTED FOR TSC, CEOF AND EOF
10. EMERGENCY NEWS CENTER (ENC)/JOINT PUBLIC INFORMATION CENTER (JPIC)	
10.a	Demonstrate the ability to exercise facility direction and control in the JPIC. <p align="right">(JPIC)</p>
10.b	Demonstrate the ability to provide media briefings. <p align="right">(JPIC)</p>
10.c	Demonstrate the ability to provide press releases. <p align="right">(JPIC)</p>