



May 10, 1996

U. S. Nuclear Regulatory Commission  
Washington DC 20555

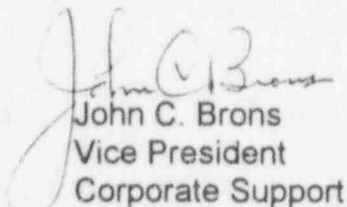
SUBJECT: Quad Cities Station, Units 1 and 2  
NRC Dockets 50-254 / 50-265  
Transmittal of Exercise Evaluation Objectives for the 1996 Quad  
Cities Annual Exercise

Attention: Document Control Desk

Enclosed is one copy of the ComEd Exercise Evaluation Objectives for the August 21, 1996, Annual Exercise at Quad Cities Station. The Evaluation Objectives are submitted in accordance with NRC requirements. The Exercise Evaluation Objectives are on a selected distribution. Distribution of these Objectives to any potential exercise participant could compromise the Exercise Scenario.

Questions about these Objectives should be directed to Martin J. Vonk, Emergency Preparedness Supervisor, at 708-663-6535, or to Paul J. Elkmann, Lead Scenario Developer, at 708-663-7184.

Sincerely,

  
John C. Brons  
Vice President  
Corporate Support

JCB/PE/mw

Attachment

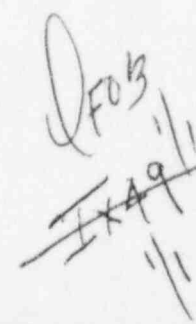
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H. Miller, Regional Administrator, NRC Region III  
R. Jickling, NRC Region III

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**QUAD CITIES 1996 GSEP EXERCISE  
AUGUST 21, 1996**

**EXERCISE EVALUATION OBJECTIVES**

Rev. 2, 2/20/96

|  |   |   |
|--|---|---|
| <b>Critical Objectives:</b> An "*" denotes a critical objective.   |   |   |
| <b>Objective Selection:</b> If an enabling objective is not selected, an "NS" is placed in the left margin corresponding to the objective. |   |   |
| <b>1. FACILITY DIRECTION AND CONTROL</b>   |   |   |
| <b>1.a</b>   | <b>Demonstrate the ability to staff an ERF.</b><br>(CR, TSC, OSC, CEOF, EOF)                          |   |
|  | 1.a.1   | Augment staff with personnel needed to assist with GSEP activities (communicators, etc) within 30 minutes of an ALERT or higher classification.<br>(CR) |
|  | 1.a.2   | Establish minimum staffing within 30 minutes of an ALERT or higher classification during a daytime event.<br>(TSC)                                      |
|  | 1.a.3   | Provide OSC Director and OSC Supervisor within 30 minutes of an ALERT or higher classification during a daytime event.<br>(OSC)                         |
| NS   | 1.a.4   | Establish minimum staffing within (site specific) minutes of a SITE EMERGENCY or higher classification without pre-staging.<br>(EOF)                    |
| NS   | 1.a.5   | Establish minimum staffing within 60 minutes of an ALERT or higher classification without pre-staging.<br>(CEOF)  |
|  | 1.a.6   | Augment the ERF staff beyond normal levels as needed to perform ERF functions.<br>(CR, TSC, OSC, CEOF, EOF)   |
| <b>1.b</b>   | <b>Demonstrate the ability to transfer and/or accept Command and Control.</b><br>(CR, TSC, CEOF, EOF) |   |
|  | 1.b.1   | Recognize that minimum staffing exists in the facility/area of responsibility that is accepting Command and Control.<br>(TSC, CEOF, EOF)                |
|  | 1.b.2   | Brief the minimum staff on the status of the event and the current proposed plan of action prior to accepting Command and Control.<br>(TSC, CEOF, EOF)  |
|  | 1.b.3   | A turnover is made between the Emergency Directors/personnel involved.<br>(CR, TSC, CEOF, EOF)  |
|  | 1.b.4   | Transfer Command and Control officially and announce the transfer to the ERFs involved and to off-site officials.<br>(CR, TSC, CEOF, EOF)               |
|  | 1.b.5   | Transfer control of the Environs Teams.<br>(TSC, EOF)   |

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|            |  |   |                           |
|------------|--|---|---------------------------|
| <b>1.c</b> | <b>Demonstrate the ability to direct and operate an ERF during an emergency event.</b> |   | (CR, TSC, OSC, CEOF, EOF) |
|            | 1.c.1  | Direct activities of personnel in their respective areas as specified in the GSEP and position-specific procedures.   | (CR, TSC, OSC, CEOF, EOF) |
|            | 1.c.2  | Perform the non-delegable responsibilities of Command and Control to include: <ul style="list-style-type: none"> <li>- Final decision to declare the emergency classification.</li> <li>- Final decision to notify and make Protective Action Recommendations to offsite authorities.</li> <li>- Authorization of personnel exposure beyond 10CFR20 limits under emergency conditions.</li> <li>- Issuance of thyroid blocking agents to ComEd emergency workers and onsite personnel.</li> </ul> | (CR, TSC, CEOF, EOF)      |
|            | 1.c.3  | Perform duties in accordance with current position-specific procedures.   | (CR, TSC, OSC, CEOF, EOF) |
|            | 1.c.4  | Prepare for a shift change within the facility.   | (TSC, CEOF, EOF)          |
|            | 1.c.5  | Maintain a record of GSEP related events.   | (CR, TSC, OSC, CEOF, EOF) |
|            | 1.c.6  | Establish priorities for plant tasks.   | (CR, TSC)                 |
|            | 1.c.7  | Maintain cognizance of priorities for plant tasks.  | (CR, TSC, OSC, CEOF, EOF) |
|            | 1.c.8  | Transfer functions to an alternate facility, if evacuation is required, without negatively impacting performance of essential functions, such as: <ul style="list-style-type: none"> <li>- offsite interaction</li> <li>- onsite interaction</li> <li>- Command and Control</li> <li>- dose projections</li> <li>- protective action decision making</li> <li>- completion of essential tasks</li> </ul>  | (CR, TSC, OSC)            |
| <b>1.d</b> | <b>Demonstrate the ability to interface with the NRC Site Team.</b>                    |   | (TSC, EOF)                |
|            | 1.d.1  | Provide access for the NRC Site Team.   | (TSC, EOF)                |
|            | 1.d.2  | Provide an initial briefing to the NRC Site Team.   | (TSC, EOF)                |
|            | 1.d.3  | Introduce NRC Site Team to ComEd counterparts.  | (TSC, EOF)                |
|            | 1.d.4  | Provide the NRC Site Team with adequate and timely information pertaining to critical emergency response activities.  | (TSC, EOF)                |
|            | 1.d.5  | Provide answers to NRC Site Team questions as soon as practicable.  | (TSC, EOF)                |

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| <b>2. ASSESSMENTS, CLASSIFICATIONS AND PROTECTIVE ACTION RECOMMENDATIONS</b> |  |   |
|--|--|---|
| <b>2.a</b>   | <b>Demonstrate the ability to classify an event for conditions.</b><br>(*CR, *TSC, *CEOF, *EOF)          |   |
|  | 2.a.1  | Determine conditions exceed an EAL Threshold Value within 15 minutes of reaching the Threshold Value for that EAL.<br>(CR, TSC, CEOF, EOF)  |
|  | 2.a.2  | Declare the highest classification corresponding to all applicable EALs.<br>(CR, TSC, CEOF, EOF)  |
|  | 2.a.3  | Monitor EALs to see if conditions cause other EAL Threshold Values to be exceeded.<br>(CR, TSC, CEOF, EOF)  |
|  | 2.a.4  | Report if any EAL Threshold Values are exceeded to the facility in Command and Control.<br>(CR, TSC, CEOF, EOF)   |
| <b>2.b</b>   | <b>Demonstrate the ability to identify and recommend protective actions.</b><br>(*CR, *TSC, *CEOF, *EOF) |   |
|  | 2.b.1  | Recommend appropriate Protective Action Recommendations (PARs) within 15 minutes of an emergency classification.<br>(CR, TSC, CEOF, EOF)  |
|  | 2.b.2  | Implement appropriate protective actions for ComEd emergency workers considering: <ul style="list-style-type: none"> <li>- Current plant status</li> <li>- Current dose assessment and projections</li> <li>- Current meteorology and expected weather conditions</li> </ul> (CR, TSC, CEOF, EOF) |
| <b>2.c</b>   | <b>Demonstrate the ability to analyze events from available information.</b><br>(CR, TSC, CEOF, EOF)     |   |
|  | 2.c.1  | Use instrumentation displays and point history to determine plant status and recognize abnormal conditions.<br>(CR, TSC, CEOF, EOF)   |
|  | 2.c.2  | Develop strategies to bring the plant to a safe shutdown condition.<br>(CR, TSC, CEOF, EOF)   |
|  | 2.c.3  | Assess equipment or component failures and develop corrective actions.<br>(CR, TSC, CEOF, EOF)  |
|  | 2.c.4  | Estimate core damage per procedures.<br>(TSC, EOF)  |
|  | 2.c.5  | Identify actual and/or potential release paths.<br>(CR, TSC, CEOF, EOF)   |

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| <b>3. NOTIFICATIONS</b> |   |  |
|-------------------------|---|--|
| <b>3.a</b>              | <b>Demonstrate the ability to make notifications of classified events to offsite officials.</b> |  |
|                         |   | (*CR, *TSC, *CEOF, *EOF)   |
|                         | 3.a.1   | Notify the appropriate States and local organizations within 15 minutes of classifying an event or a change of any condition indicated on a NARS form via the NARS or backup means if the NARS fails.<br>(CR, TSC, CEOF, EOF)                          |
|                         | 3.a.2   | Complete the NARS form correctly.<br>(CR, TSC, CEOF, EOF)  |
|                         | 3.a.3   | Notify the NRC as soon as possible after the State notifications but not later than one hour after classifying the event.<br>(CR, TSC, CEOF, EOF)  |
|                         | 3.a.4   | Complete Event Notification Worksheets correctly if an Event Notification System (ENS) open line is not maintained.<br>(CR, TSC, CEOF, EOF)  |
|                         | 3.a.5   | Verify ANI and INPO notifications have been made.<br>(EOF)   |
| <b>3.b</b>              | <b>Demonstrate the ability to provide information updates to offsite officials.</b>             |  |
|                         |   | (CR, TSC, CEOF, EOF)   |
|                         | 3.b.1   | Provide information updates to the States at least hourly per the State Agency Update Checklist (SAUC).<br>(CR, TSC, CEOF, EOF)  |
|                         | 3.b.2   | Complete the SAUC forms correctly.<br>(CR, TSC, CEOF, EOF)   |
|                         | 3.b.3   | Report significant changes in conditions to the NRC as soon as possible if an ENS open line is being maintained, and within 30 minutes through the use of the Event Notification Worksheet if the open line is not maintained.<br>(CR, TSC, CEOF, EOF) |



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| <b>4. COMMUNICATIONS AND INFORMATION PROCESSING</b> |  |  |
|---|--|--|
| <b>4.a</b>  | <b>Demonstrate the ability to communicate with offsite agencies.</b><br>(CR, TSC, CEOF, EOF)   |  |
|   | 4.a.1  | Establish and maintain an ENS open line with the NRC upon request.<br>(CR, TSC, CEOF, EOF)   |
|   | 4.a.2  | Establish and maintain a Health Physics Network (HPN) open line with the NRC upon request.<br>(TSC, CEOF, EOF)   |
|   | 4.a.3  | Establish communications and exchange information with offsite agencies performing environmental monitoring.<br>(TSC, CEOF, EOF)   |
|   | 4.a.4  | Establish communications and exchange information with the State and with County EOCs.<br>(CEOF, EOF)  |
|   | 4.a.5  | Contact vendor support organizations that can provide emergency assistance.<br>(TSC, CEOF, EOF)  |
|   | 4.a.6  | Activate and/or verify activation of the Emergency Response Data System (ERDS).<br>(CR, TSC, CEOF, EOF)  |
|   | 4.a.7  | Provide answers to offsite agency information requests.<br>(CR, TSC, CEOF, EOF)  |
| <b>4.b</b>  | <b>Demonstrate the ability to communicate with other Emergency Response Facilities (ERFs) and ComEd support groups.</b><br>(CR, TSC, OSC, CEOF, EOF, JPIC) |  |
|   | 4.b.1  | Exchange data and technical information between ERFs.<br>(CR, TSC, OSC, CEOF, EOF)   |
|   | 4.b.2  | Establish counter-part communications with other ERFs.<br>(CR, TSC, OSC, CEOF, EOF, JPIC (remote only))  |
|   | 4.b.3  | Establish communications with ComEd support groups/executives.<br>(TSC, CEOF, EOF, JPIC)   |
|   | 4.b.4  | Provide/obtain technical information to/for the JPIC for use in media releases.<br>(EOF, JPIC)   |
| NS  | 4.b.5  | Maintain communications between the HRSS sample team, the OSC and the TSC Chemistry Director.<br>(H) (TSC)   |
| <b>4.c</b>  | <b>Demonstrate the ability to communicate within an ERF.</b><br>(CR, TSC, OSC, CEOF, EOF, JPIC)  |  |
|   | 4.c.1  | Provide briefings and updates concerning plant status, event classification and activities in progress at least every 30 minutes for the CEOF and EOF and per station procedures for the CR, TSC and OSC.<br>(CR, TSC, OSC, CEOF, EOF) |
|   | 4.c.2  | Share information within the ERF.<br>(CR, TSC, OSC, CEOF, EOF, JPIC)   |
|   | 4.c.3  | Update status boards at least every 30 minutes with current and accurate information.<br>(TSC, OSC, CEOF, EOF)   |
|   | 4.c.4  | Maintain Significant Events Log.<br>(TSC, EOF)   |

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| <b>5. RADIATION PROTECTION</b> |   |   |
|--------------------------------|---|---|
| <b>5.a</b>                     | <b>Demonstrate the ability to provide radiation protection for onsite personnel.</b><br>(CR, TSC, OSC, CEOF, EOF)     |   |
|                                | 5.a.1   | Obtain and/or document radiological survey information.<br>(TSC, OSC)   |
|                                | 5.a.2   | Provide or ensure radiological protection.<br>(TSC, OSC)  |
|                                | 5.a.3   | Issue and control dosimetry.<br>(OSC)   |
|                                | 5.a.4   | Decontaminate or ensure decontamination of contaminated individuals.<br>(TSC, OSC)  |
|                                | 5.a.5   | Determine need for and administer thyroid blocking agent.<br>(TSC, OSC, CEOF, EOF)  |
| <b>5.b</b>                     | <b>Demonstrate the ability to provide control of radiation exposure.</b><br>(TSC, OSC, CEOF, EOF)                     |   |
|                                | 5.b.1   | Evaluate onsite radiological information.<br>(TSC, OSC, CEOF, EOF)  |
|                                | 5.b.2   | Monitor, track and document radiation exposure to in-plant personnel.<br>(OSC)  |
|                                | 5.b.3   | Evaluate personnel exposure against administrative and 10CFR20 limits.<br>(TSC, OSC, CEOF, EOF)   |
|                                | 5.b.4   | Evaluate projected exposures and implement ALARA practices to reduce exposure to in-plant personnel.<br>(TSC, OSC)                        |
| <b>5.c</b>                     | <b>Demonstrate the ability to establish and monitor effectiveness of ERF radiological controls.</b><br>(CR, TSC, OSC) |   |
|                                | 5.c.1   | Perform habitability surveys.<br>(CR, TSC, OSC)   |
|                                | 5.c.2   | Establish radiological access control.<br>(TSC, OSC)  |
|                                | 5.c.3   | Evaluate need for the evacuation of the ERF.<br>(CR, TSC, OSC)  |
| <b>5.d</b>                     | <b>Demonstrate the ability to provide onsite medical services.</b><br>(CR, TSC, OSC)                                  |   |
| NS                             | 5.d.1   | Assess a medical emergency and render first aid.<br>(CR, TSC, OSC)  |
| NS                             | 5.d.2   | Assess the radiological status of the victim.<br>(OSC)  |
| NS                             | 5.d.3   | Decontaminate injured personnel before transportation to an offsite medical facility if time permits due to urgency of injuries.<br>(OSC) |
| NS                             | 5.d.4   | Request ambulance support for transportation of a victim.<br>(CR, TSC)  |
| NS                             | 5.d.5   | Notify ambulance personnel of medical and radiological information.<br>(CR, TSC, OSC)   |
| NS                             | 5.d.6   | Provide offsite medical facilities with medical and radiological information before the victim arrives.<br>(CR, TSC)                      |

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| <b>6. ENVIRONS ASSESSMENT AND MONITORING</b> |  |  |
|--|--|--|
| <b>6.a</b>                                   | <b>Demonstrate the ability to determine the magnitude of source term of the release.</b> |  |
|  |  | (TSC, CEOF, EOF)   |
|  | 6.a.1  | Determine the release rate from scenario information.  |
|  |  | (TSC, CEOF, EOF)   |
| <b>6.b</b>                                   | <b>Demonstrate the ability to perform offsite dose projections.</b>                      |  |
|  |  | (TSC, CEOF, EOF)   |
|  | 6.b.1  | Determine dose projections from scenario information.  |
|  |  | (TSC, CEOF, EOF)   |
|  | 6.b.2  | Determine or confirm Event Classification.   |
|  |  | (TSC, CEOF, EOF)   |
|  | 6.b.3  | Determine or confirm Protective Action Recommendations.  |
|  |  | (TSC, CEOF, EOF)   |
| <b>6.c</b>                                   | <b>Demonstrate the ability to obtain and use meteorological data.</b>                    |  |
|  |  | (CR, TSC, CEOF, EOF)   |
|  | 6.c.1  | Obtain and assess meteorological data and forecasts.   |
|  |  | (CR, TSC, CEOF, EOF)   |
|  | 6.c.2  | Determine stability class.   |
|  |  | (TSC, CEOF, EOF)   |
|  | 6.c.3  | Determine affected sectors.  |
|  |  | (CR, TSC, CEOF, EOF)   |
| <b>6.d</b>                                   | <b>Demonstrate the ability to direct Environs Team activities.</b>                       |  |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.1  | Initially assemble, brief and dispatch Environs Teams (ETs) within 45 minutes of determining need for ETs or from declaration of SITE EMERGENCY or higher classification.  |
|  |  | (E) (TSC)  |
|  | 6.d.2  | Use the GSEP radio or backup means to communicate with ETs. (This includes using call letters every 15 minutes per FCC regulations.)   |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.3  | Direct ET movement.  |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.4  | Formulate sampling strategy.   |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.5  | Maintain a record of GSEP events.  |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.6  | Keep ETs aware of critical information such as: <ul style="list-style-type: none"> <li>- release status                      - met data</li> <li>- plant status                         - PARs</li> <li>- Command and Control status      - event classification</li> <li>- findings from other ET(s)</li> </ul> |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.7  | Monitor and record personnel exposure to the ETs.  |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.8  | Obtain exposure approvals for the ETs  |
|  |  | (E) (TSC, EOF)   |
|  | 6.d.9  | Assess the radiological protection needs of the ETs, including equipment and thyroid blocking agent.   |
|  |  | (E) (TSC, EOF)   |



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|     |  |   |          |
|-----|--|---|----------|
| 6.e | Demonstrate the ability of the Environs Teams to collect samples and perform environmental monitoring. |   | (E) (ET) |
|     | 6.e.1  | Conduct an inventory of equipment per station procedures.   | (E) (ET) |
|     | 6.e.2  | Obtain dose rate measurements and collect environmental samples in accordance with approved procedures for: <ul style="list-style-type: none"> <li>- water samples</li> <li>- vegetation samples</li> <li>- soil samples</li> <li>- snow samples</li> </ul> | (E) (ET) |
|     | 6.e.3  | Collect and evaluate air samples in accordance with approved procedures for: <ul style="list-style-type: none"> <li>- iodine activity</li> <li>- particulate activity</li> </ul>  | (E) (ET) |
| NS  | 6.e.4  | Demonstrate required tasks when wearing radiological protective equipment and respiratory protection.   | (E) (ET) |
|     | 6.e.5  | Use the ComEd and/or IDNS maps.   | (E) (ET) |
|     | 6.e.6  | Use the GSEP radio or backup means to communicate with ERFs.  | (E) (ET) |
|     | 6.e.7  | Maintain a record of GSEP related events.   | (E) (ET) |
|     | 6.e.8  | Simulate the replacement of environmental TLDs.   | (E) (ET) |
|     | 6.e.9  | Package, label and store all required environs samples for the analysis lab.  | (E) (ET) |
|     | 6.e.10   | Demonstrate the use of monitoring equipment including: <ul style="list-style-type: none"> <li>- personal dosimetry</li> <li>- radiation monitoring instrumentation</li> <li>- environs sampling equipment</li> </ul>  | (E) (ET) |
|     | 6.e.11   | Demonstrate health physics, ALARA and contamination control practices.  | (E) (ET) |

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| <b>7. IN-PLANT TEAM PERFORMANCE AND MONITORING</b> |   |   |
|--|---|---|
| <b>7.a</b>   | <b>Demonstrate the ability to dispatch and control In-Plant Teams.</b>                |   |
|  |   | (CR, *OSC)  |
|  | 7.a.1   | Assemble In-Plant Teams.  |
|  |   | (OSC)   |
|  | 7.a.2   | Brief In-Plant Teams on their tasks and radiological conditions/hazards prior to dispatching.                             |
|  |   | (CR, OSC)   |
|  | 7.a.3   | Dispatch In-Plant Teams.  |
|  |   | (CR, OSC)   |
|  | 7.a.4   | Prioritize personnel resources for In-Plant Teams.  |
|  |   | (CR, OSC)   |
|  | 7.a.5   | Ensure Environs Teams are dispatched from the OSC without delay.  |
|  |   | (OSC)   |
|  | 7.a.6   | Debrief In-Plant Teams upon return to the OSC.  |
|  |   | (OSC)   |
|  | 7.a.7   | Keep In-Plant Teams aware of critical information.  |
|  |   | (OSC)   |
|  | 7.a.8   | Monitor activities of In-Plant Teams.   |
|  |   | (OSC)   |
| <b>7.b</b>   | <b>Demonstrate the ability of In-Plant Teams to perform their assigned functions.</b> |   |
|  |   | (OSC)   |
|  | 7.b.1   | Perform assigned task(s).   |
|  |   | (OSC)   |
|  | 7.b.2   | Locate and demonstrate use of personnel protection equipment.   |
|  |   | (OSC)   |
|  | 7.b.3   | Demonstrate the use of monitoring equipment to include:<br>- personal dosimetry<br>- radiation monitoring instrumentation |
|  |   | (OSC)   |
|  | 7.b.4   | Monitor personnel exposure to radiation and keep within pre-established limits, administrative limits and 10CFR20 limits. |
|  |   | (OSC)   |
|  | 7.b.5   | Maintain ALARA practices to reduce overall cumulative team radiation exposure.  |
|  |   | (OSC)   |
|  | 7.b.6   | Communicate with ERFs while in the field.   |
|  |   | (OSC)   |
|  | 7.b.7   | Locate, transport and demonstrate use of emergency equipment and supplies.  |
|  |   | (OSC)   |
|  | 7.b.8   | Locate or identify need for spare parts.  |
|  |   | (OSC)   |
|  | 7.b.9   | Perform, document and post radiation surveys.   |
|  |   | (OSC)   |

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|     |  |   |           |
|-----|--|---|-----------|
| 7.c | Demonstrate the ability to collect analyze RCS and Containment Atmosphere samples using High Radiation Sample System (HRSS) equipment. |   | (H) (OSC) |
|     | 7.c.1  | Assemble, brief and dispatch an HRSS sampling team from the OSC.  | (H) (OSC) |
| NS  | 7.c.2  | Obtain equipment for the HRSS sample.   | (H) (OSC) |
| NS  | 7.c.3  | Locate and demonstrate use of protective clothing or respiratory protection equipment.  | (H) (OSC) |
| NS  | 7.c.4  | Demonstrate use of monitoring equipment to include:<br><ul style="list-style-type: none"> <li>- personal dosimetry</li> <li>- radiation monitoring instruments</li> </ul> | (H) (OSC) |
| NS  | 7.c.5  | Monitor personal exposure to radiation and keep within pre-established limits, administrative limits and 10CFR20 limits.  | (H) (OSC) |
| NS  | 7.c.6  | Perform and document radiation surveys.   | (H) (OSC) |
|     | 7.c.7  | Collect a liquid RCS sample from the HRSS Liquid Sample Panel.  | (H) (OSC) |
|     | 7.c.8  | Collect a Containment/Drywell air sample using the Containment Air Sample Panel (CASP).   | (H) (OSC) |
| NS  | 7.c.9  | Transport HRSS samples from the sampling points to the analysis location.   | (H) (OSC) |
|     | 7.c.10   | Perform analysis on the samples.  | (H) (OSC) |
|     | 7.c.11   | Report HRSS sample results within three hours of determining the need to sample.  | (H) (OSC) |
| NS  | 7.c.12   | Operate the PARAPS (alternate) counting system.   | (H) (OSC) |
| NS  | 7.c.13   | Maintain communications between the sampling team, the OSC and the TSC Chemistry Director.  | (H) (OSC) |
| NS  | 7.c.14   | Maintain ALARA practices to reduce overall cumulative team radiation exposure.  | (H) (OSC) |

**QUAD CITIES 1996 GSEP EXERCISE  
AUGUST 21, 1996**

**EXERCISE EVALUATION OBJECTIVES**

| <b>8. SECURITY</b> |   |  |
|--------------------|---|--|
| <b>8.a</b>         | <b>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.</b><br>(CR, TSC, EOF) |  |
|                    | 8.a.1   | Respond to the emergency in accordance with the Security Plan and procedures.<br>(CR, TSC, EOF)      |
|                    | 8.a.2   | Coordinate implementation of the Security Plan with the GSEP.<br>(TSC, EOF)                          |
|                    | 8.a.3   | Coordinate emergency response action with offsite agencies.<br>(TSC, EOF)                            |
| <b>8.b</b>         | <b>Demonstrate the ability to establish access control at the ERFs.</b><br>(CR, TSC, OSC, EOF, JPIC)  |  |
|                    | 8.b.1   | Establish access control.<br>(TSC, OSC, EOF, JPIC)   |
|                    | 8.b.2   | Ensure security practices do not impede emergency response.<br>(TSC, OSC, EOF)                       |
| <b>8.c</b>         | <b>Demonstrate the ability to assemble, account for and evacuate onsite personnel.</b><br>(CR, TSC, EOF)  |  |
|                    | 8.c.1   | Initiate Site Assembly at SITE EMERGENCY.<br>(CR, TSC)   |
| NS                 | 8.c.2   | Complete accountability within 30 minutes of initiating an assembly.<br>(TSC)                        |
| NS                 | 8.c.3   | Initiate search and rescue operations for missing personnel.<br>(TSC)                                |
|                    | 8.c.4   | Identify essential personnel within thirty minutes after completion of Site Accountability.<br>(TSC) |
|                    | 8.c.5   | Initiate Site Evacuation when deemed appropriate and at least at a SITE EMERGENCY.<br>(TSC)          |
|                    | 8.c.6   | Plan and explain travel route for Site Evacuation, Environs Teams and shift relief.<br>(TSC, EOF)    |
|                    | 8.c.7   | Arrange for traffic control prior to initiating Site Evacuation.<br>(TSC, EOF)                       |
| NS                 | 8.c.8   | Set up a Relocation Center within 60 minutes of initiating a Site Evacuation.<br>(TSC, EOF)          |
| <b>8.d</b>         | <b>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.</b><br>(CR, TSC, EOF)       |  |
| NS                 | 8.d.1   | Respond to the emergency in accordance with the Security Plan and procedures.<br>(CR, TSC, EOF)      |
| NS                 | 8.d.2   | Coordinate implementation of the Security Plan with the GSEP.<br>(TSC, EOF)                          |
| NS                 | 8.d.3   | Coordinate emergency response action with offsite agencies.<br>(TSC, EOF)                            |

**QUAD CITIES 1996 GSEP EXERCISE  
AUGUST 21, 1996**

**EXERCISE EVALUATION OBJECTIVES**

| <b>9. RECOVERY</b> |  |  |
|--------------------|--|--|
| <b>9.a</b>         | <b>Demonstrate the ability to enter a Recovery classification.</b> |  |
|                    |  | (TSC, CEOF, EOF)   |
|                    | 9.a.1  | Identify the criteria to enter recovery.                                     |
|                    |  | (TSC, CEOF, EOF)   |
|                    | 9.a.2  | Discuss entry into Recovery with State and Federal officials.                |
|                    |  | (CEO, EOF)   |
|                    | 9.a.3  | Discuss Recovery with the other ERFs.  |
|                    |  | (TSC, CEOF, EOF)   |
| <b>9.b</b>         | <b>Demonstrate the ability to formulate a Recovery Plan.</b>       |  |
|                    |  | (TSC, CEOF, EOF)   |
| NS                 | 9.b.1  | Generate a plan that returns the station/unit to stable shutdown conditions. |
|                    |  | (TSC, CEOF, EOF)   |
| NS                 | 9.b.2  | Identify a recovery organization and long term staffing requirements.        |
|                    |  | (TSC, CEOF, EOF)   |
| NS                 | 9.b.3  | Inform State and Federal officials concerning plant recovery activities.     |
|                    |  | (CEO, EOF)   |



**QUAD CITIES 1996 GSEP EXERCISE  
AUGUST 21, 1996**

**EXERCISE EVALUATION OBJECTIVES**

| <b>10. EMERGENCY NEWS CENTER (ENC)/ JOINT PUBLIC INFORMATION CENTER (JPIC)</b> |  |  |
|--|--|--|
| <b>10.a</b>  | <b>Demonstrate the ability to exercise facility direction and control.</b> |  |
|  |  | (JPIC)   |
|  | 10.a.1   | Open the JPIC to the media within 30 minutes of arrival of JPIC Coordinator or JPIC Staff and greet the media representatives. |
|  |  | (JPIC)   |
|  | 10.a.2   | Direct activities of personnel in the ENC and JPIC as specified in the GSEP and position-specific procedures.                  |
|  |  | (JPIC)   |
|  | 10.a.3   | Perform duties as specified in the GSEP and position-specific procedures.  |
|  |  | (JPIC)   |
|  | 10.a.4   | Conduct turnover of news center duties from Communication Services.  |
|  |  | (JPIC)   |
|  | 10.a.5   | Establish rumor control activities.  |
|  |  | (JPIC)   |
|  | 10.a.6   | Coordinate/exchange news information among ComEd and offsite spokespersons.  |
|  |  | (JPIC)   |
|  | 10.a.7   | Monitor the media to detect and correct errors.  |
|  |  | (JPIC)   |
|  | 10.a.8   | Maintain a ComEd representative in the JPIC at all times, and accommodate the media representatives.                           |
|  |  | (JPIC)   |
|  | 10.a.9   | Maintain a chronological event description log.  |
|  |  | (JPIC)   |
|  | 10.a.10  | Maintain a record of GSEP activities.  |
|  |  | (JPIC)   |
| <b>10.b</b>  | <b>Demonstrate the ability to provide media briefings.</b>                 |  |
|  |  | (JPIC)   |
|  | 10.b.1   | Ensure technical accuracy of the briefings.  |
|  |  | (JPIC)   |
|  | 10.b.2   | Present briefings on schedule and after significant events while in a SITE or GENERAL EMERGENCY.                               |
|  |  | (JPIC)   |
|  | 10.b.3   | Prepare information at a level that the public can understand.   |
|  |  | (JPIC)   |
|  | 10.b.4   | Use visual aids as necessary to support briefings.   |
|  |  | (JPIC)   |
|  | 10.b.5   | Respond to media requests for information.   |
|  |  | (JPIC)   |
| <b>10.c</b>  | <b>Demonstrate the ability to provide press releases.</b>                  |  |
|  |  | (JPIC)   |
|  | 10.c.1   | Ensure technical accuracy of the press releases.   |
|  |  | (JPIC)   |
|  | 10.c.2   | Deliver press releases after a significant event while in a SITE or GENERAL EMERGENCY.   |
|  |  | (JPIC)   |
|  | 10.c.3   | Prepare information at a level the public can understand.  |
|  |  | (JPIC)   |
|  | 10.c.4   | Obtain Public Information Manager approval for press releases.   |
|  |  | (JPIC)   |