



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

January 13, 1992

PRIORITY ROUTING

FILE	RECORD
100	100
101	101
102	102
103	103
104	104
105	105
106	106
107	107
108	108
109	109
110	110
111	111
112	112
113	113
114	114
115	115
116	116
117	117
118	118
119	119
120	120
121	121
122	122
123	123
124	124
125	125
126	126
127	127
128	128
129	129
130	130
131	131
132	132
133	133
134	134
135	135
136	136
137	137
138	138
139	139
140	140
141	141
142	142
143	143
144	144
145	145
146	146
147	147
148	148
149	149
150	150
151	151
152	152
153	153
154	154
155	155
156	156
157	157
158	158
159	159
160	160
161	161
162	162
163	163
164	164
165	165
166	166
167	167
168	168
169	169
170	170
171	171
172	172
173	173
174	174
175	175
176	176
177	177
178	178
179	179
180	180
181	181
182	182
183	183
184	184
185	185
186	186
187	187
188	188
189	189
190	190
191	191
192	192
193	193
194	194
195	195
196	196
197	197
198	198
199	199
200	200
201	201
202	202
203	203
204	204
205	205
206	206
207	207
208	208
209	209
210	210
211	211
212	212
213	213
214	214
215	215
216	216
217	217
218	218
219	219
220	220
221	221
222	222
223	223
224	224
225	225
226	226
227	227
228	228
229	229
230	230
231	231
232	232
233	233
234	234
235	235
236	236
237	237
238	238
239	239
240	240
241	241
242	242
243	243
244	244
245	245
246	246
247	247
248	248
249	249
250	250
251	251
252	252
253	253
254	254
255	255
256	256
257	257
258	258
259	259
260	260
261	261
262	262
263	263
264	264
265	265
266	266
267	267
268	268
269	269
270	270
271	271
272	272
273	273
274	274
275	275
276	276
277	277
278	278
279	279
280	280
281	281
282	282
283	283
284	284
285	285
286	286
287	287
288	288
289	289
290	290
291	291
292	292
293	293
294	294
295	295
296	296
297	297
298	298
299	299
300	300
301	301
302	302

Mr. A. Bert Davis
Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Quad Cities Nuclear Station Units 1 and 2
"Transmittal of Objectives and Scope of
Participation for April 29, 1992 Generating
Station Emergency Plan (GSEP) Exercise"
NRC Docket Nos. 50-254 and 50-265

Dear Mr. Davis:

Enclosed are the Objectives and Scope of Participation for the Quad Cities Nuclear Power Station GSEP Exercise to be conducted April 29, 1992. These scenario documents are submitted in accordance with NRC and FEMA requirements.

If you have any questions regarding the Quak Cities Scope of Participation or Objectives, please call either Kevin Jackson at (312)294-8517 or Robert Carson at (312) 294-8662.

Respectfully,

Trance K. Shuster

T. K. Schuster
Nuclear Licensing Administrator

Enclosures

cc: T. Polski - RIII

1431:1

9201270166 920113
PDR ADD K 05000254
PDR

JAN 17 1992

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
SCOPE OF PARTICIPATION

DATE: April 29, 1992

TYPE: Daytime, Partial

OFFSITE AGENCY PARTICIPATION:

NRC (Real time activation from Region III)
State of Illinois (Partial)
 Whiteside County
 Rock Island County
State of Iowa
 Scott County
 Clinton County

PURPOSE:

Test the capability of the basic elements within the Commonwealth Edison Company GSEP, as well as their ability to interface with the NRC and participating state agencies. The Exercise will include mobilization of CECo personnel and resources adequate to verify their capability to respond to a simulated emergency.

CECo FACILITIES ACTIVATED:

- Control Room
- TSC
- OSC
- EOF
- CEOF
- JPIC

CECo FACILITIES NOT ACTIVATED:

- None

The "Exercise" Nuclear Duty Person will be notified of simulated events as appropriate on a real-time basis. The "Exercise" Nuclear Duty Person and the balance of the Corporate Emergency Response Organization will be prepositioned close to the Morrison EOF to permit use of personnel from distant locations.

Commonwealth Edison 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 services to simulate emergency response except as prearranged specifically for the Exercise.

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

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

OBJECTIVES LIST

STANDARD OBJECTIVES FOR ANNUAL GSEP EXERCISES AND DRILLS

1. Assessment and Classification

Objectives

- a. Demonstrate the ability to assess, within fifteen (15) minutes, conditions which warrant initiating a GSEP classification. (CR, TSC, EOF, CEOF)
- b. Demonstrate the ability to determine applicable Emergency Action Levels (EALs) within fifteen (15) minutes of initiating classification. (CR, TSC, EOF, CEOF)

2. Notification and Communication

Objectives

- a. Demonstrate the ability to correctly fill out a NARS form. (CR, TSC, EOF, CEOF)
- b. Demonstrate the ability to notify appropriate State and local organizations within fifteen (15) minutes of an Emergency classification or significant change in NARS information. (CR, TSC, EOF, CEOF)
- c. For the initial contact via the ENS, demonstrate the ability to correctly fill out NRC Event Notification Worksheets. (Also applicable for subsequent calls if a continuous line is not maintained). (CR, TSC, EOF, CEOF)
- d. Demonstrate the ability to notify the NRC immediately following State notification and within one (1) hour after making an Emergency classification. (CR, TSC, EOF, CEOF)
- e. Demonstrate the ability to provide hourly information updates to the States and within thirty (30) minutes of changes in latest reported conditions on the State Agency Update Checklist. (CR, TSC, EOF, CEOF)
- f. Demonstrate the ability to contact appropriate support organizations that would be available to assist in an actual emergency within one (1) hour of conditions warranting their assistance. (e.g. M+T, Teledyne) (CR, TSC, EOF, CEOF)
- g. Demonstrate the ability to maintain an open-line of communication with the NRC on ENS upon request. (CR, TSC, EOF, CEOF)
- h. Demonstrate the ability to maintain an open-line of communication with the NRC on HPN upon request. (TSC, EOF, CEOF)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

- i. Demonstrate the ability to provide information updates to the NRC within thirty (30) minutes of significant changes in reportable conditions when an open-line of communication is not maintained. (ENS and HPN) (CR, TSC, EOF, CEOF)
- j. Demonstrate the ability to provide adequate informational announcements (e.g. assembly instructions, changes in plant conditions) over the plant public address system. (CR)

3. Radiological Assessment and Protective Actions

Objectives

- a. Demonstrate the ability to collect and document radiological surveys taken for conditions presented in the scenario. (TSC, OSC, EOF, CEOF)
- b. Demonstrate the ability to trend radiological information for conditions presented in the scenario. (TSC, OSC, EOF, CEOF)
- c. Demonstrate the ability to take appropriate protective actions for onsite personnel in accordance with Station procedures. (e.g. respiratory protection, protective clothing, KI) (OSC, TSC)
- d. Demonstrate the ability to adequately prepare and brief personnel for entry into High Radiation Areas in accordance with Station procedures and policies. (OSC, TSC)
- e. Demonstrate the ability to issue and administratively control dosimetry issued to teams dispatched from the OSC in accordance with Station procedures. (OSC)
- f. Demonstrate the ability to establish radiological control in accordance with Health Physics procedures. (TSC, OSC, EOF, CEOF)
- g. Demonstrate the ability to monitor, track and document radiation exposure for inplant operations and maintenance teams in accordance with plant procedures. (TSC, OSC)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

- h. Demonstrate the ability to perform decontamination of radioactively contaminated individuals and equipment in accordance with Station procedures. (OSC)
- i. Demonstrate the ability to identify appropriate Protective Action Recommendations (PARs) within fifteen (15) minutes of obtaining an Offsite Dose Projection or using a Protective Action Recommendation Flowchart. (TSC, EOF, CEOF)
- j. Demonstrate the ability to calculate Offsite Dose Projection in accordance with appropriate procedures. (TSC, EOF, CEOF)
- k. Demonstrate the ability to perform contamination control onsite in accordance with plant procedures. (e.g. area access control, drinking, water, food supplies, return to normal use criteria) (TSC, OSC)
- l. Demonstrate the ability to collect RCS and Containment Atmosphere samples using Post Accident Sample System (PASS) equipment in accordance with PASS procedures and proper Health Physics controls. (CR, OSC)
- m. Demonstrate the ability to perform Core Damage Assessments in accordance with the EPIPs. (TSC, EOF, CEOF)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

4. Emergency Facilities

Objectives

- a. Demonstrate the ability to establish minimum staffing in the TSC and OSC within thirty (30) minutes of an Alert or higher Classification during a daytime event in accordance with procedures. (TSC, OSC)
- b. Demonstrate the ability to augment the Control Room staff within thirty (30) minutes of an appropriate Emergency Classification in accordance with procedures. (CR)
- c. Demonstrate the ability to transfer Command and Control authority from the Control Room to the TSC. (CR, TSC)
- d. Demonstrate the ability to transfer Command and Control authority from the TSC to the EOF/CEOF. (TSC, EOF, CEOF)
- e. Demonstrate the ability to transfer Command and Control authority from the CEOF to the EOF. (TSC, EOF, CEOF)
- f. Demonstrate the ability to establish minimum staffing in the Emergency Operations Facility and Joint Public Information Center within approximately one (1) hour of the Site Emergency classification in accordance with procedures. (EOF)
- g. Demonstrate the ability to establish minimum staffing in the Corporate Emergency Operations Facility and Joint Public Information Center within approximately one (1) hour of the Site Emergency classification in accordance with EOF and JPIC procedures. (CEOF, JPIC)
- h. Using information supplied by the Exercise scenario, demonstrate the ability to record, track, and update information on the Status Boards at least every thirty (30) minutes. (CR, TSC, OSC, EOF, CEOF)
- i. Demonstrate the ability to document Operations and Maintenance Team activities in logs and on appropriate Status Boards. (OSC)
- j. Demonstrate the ability to track in-plant job status in logs and on appropriate Status Boards. (CR, TSC, OSC, EOF, CEOF)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

- k. Demonstrate the ability to exchange counterpart activity information between the ERFs at least every sixty (60) minutes. (CR, TSC, OSC, EOF, CEOF)
 - l. Demonstrate the ability to update and disseminate information from the Electronic Status Board. (TSC, EOF)
5. Emergency Direction and Control
- Objectives
- a. Demonstrate the ability of the Directors and Managers to exercise command and control in their respective area of responsibility as specified in procedures. (CR, OSC, TSC, EOF, CEOF)
 - b. Demonstrate the ability to coordinate and expedite Operations and Maintenance activities during abnormal and emergency situations. (TSC, OSC, EOF, CEOF)
 - c. Demonstrate the ability to prioritize resources for Operations and Maintenance activities during abnormal and emergency situation. (TSC, OSC, EOF, CEOF)
 - d. Demonstrate the ability to acquire and transport emergency equipment and supplies necessary to mitigate or control unsafe or abnormal plant conditions. (TSC, OSC, EOF)
 - e. Demonstrate the ability of the Shift Engineer, Station Director, OSC Director and MEO to provide briefings and update concerning plant status, event classification, and activities in progress at least every sixty (60) minutes. (CR, TSC, OSC, EOF, CEOF)
 - f. Demonstrate the ability to provide access for the NRC Site Team in accordance with Access Control procedures. (TSC, EOF, CEOF)
 - g. Demonstrate the ability to interface with the NRC Site Team. (TSC, EOF, CEOF)
 - h. Demonstrate the ability to identify and designate non-essential personnel within thirty (30) minutes after deciding to evacuate the site. (TSC, EOF, CEOF)
 - i. Demonstrate the ability of individuals in the Emergency Response Organization to perform their assigned duties and responsibilities as specified in Generic GSEP. (CR, TSC, OSC, EOF, CEOF)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

6. Public Information

Objectives

- a. Demonstrate the ability to respond to Media requests within sixty (60) minutes in accordance with CECO policies and procedures. (JPIC)
- b. Demonstrate the ability to prepare accurate Press Releases within ninety (90) minutes of significant event while in a Site or General Emergency classification. (JPIC)
- c. Demonstrate the ability to present Media Briefing within ninety (90) minutes of significant events while in a Site or General Emergency classification. (JPIC)
- d. Demonstrate the ability to use visual aids to support Media Briefing information in accordance with CECO policies and procedures. (JPIC)
- e. Demonstrate the ability to maintain of CECO representative in the JPIC at all times. (JPIC)

7. Recovery

Objectives

- a. Demonstrate the ability to determine long-term recovery staffing requirements. (TSC, LOF, JPIC)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

OBJECTIVES TO BE DEMONSTRATED EVERY FIVE YEARS

8. Miscellaneous

Objectives

- a. Demonstrate the backup means of communication for the NARs network. (CR, TSC, EOF, CEOF)
- b. Demonstrate the ability to determine the magnitude of the source term of a release. (TSC, EOF, CEOF)
- c. Demonstrate the ability to establish the relationship between effluent monitor readings and onsite and offsite exposures/contamination for various meteorological conditions. (TSC, EOF, CEOF, Field Teams)
- d. Demonstrate the ability to determine the magnitude of a release based on plant system parameters and effluent monitors. (TSC, EOF, CEOF)
- e. Demonstrate the ability to calculate release rate/projected doses if the primary instrumentation used for assessment is offscale or inoperable. (TSC, EOF, CEOF)
- f. Demonstrate the ability to assemble and account for On-site personnel within 30 minutes of a Site Emergency Declaration. (CR, TSC)
- g. Demonstrate the ability to explain the evacuation route, brief personnel and arrange for traffic control within one (1) hour of deciding to evacuate non-essential personnel. (TSC, EOF, CEOF)
- h. Demonstrate the ability to perform dose rate measurements in the environment for conditions presented in the scenario. (Field Teams)
- i. Demonstrate the ability to dispatch the Environs Teams within forty-five (45) minutes of determination of the need for field samples. (TSC, OSC)
- j. Demonstrate the ability to control/coordinate Environs Teams activities in accordance with Corporate EIPs. (TSC, EOF, CEOF, Field Teams)
- k. Demonstrate the ability to transfer control/coordination of Environs Teams activities from the TSC to the EOF in accordance with Station and EOF procedures. (TSC, EOF)

QUAD CITIES NUCLEAR POWER STATION
1992 GSEP EXERCISE
APRIL 29, 1992

- l. Demonstrate the ability of the Security force to respond to an emergency situation in accordance with procedures. (Security)
- m. Demonstrate the ability of the Security force to coordinate actions and interact with the Emergency Response Organization. (Security)

9. Public Information

Objectives

- a. Demonstrate the ability to exchange event information with Non-CECo JPIC representatives for Media Briefings in accordance with CECo policies and procedures. (JPIC)
- b. Demonstrate the ability to coordinate information with Non-CECo JPIC representatives for Media Briefings in accordance with CECo policies and procedures. (JPIC)
- c. Demonstrate the ability to activate Rumor Control. (JPIC)

10. Recovery

Objectives

- a. Demonstrate the ability to identify the criteria to enter a Recovery classification in accordance with procedures. (TSC, EOF)
- b. Demonstrate the ability to generate a Recovery Plan which will return the plant to normal operations in accordance with CECo policies and procedures. (TSC, EOF)
- c. Demonstrate the ability to coordinate recovery actions with the State. (TSC, EOF)
- d. Demonstrate the ability to coordinate recovery actions with the NRC. (TSC, EOF)