



GULF STATES UTILITIES COMPANY

RIVER BEND STATION

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ST. FRANCISVILLE, LOUISIANA 70775

AREA CODE 504

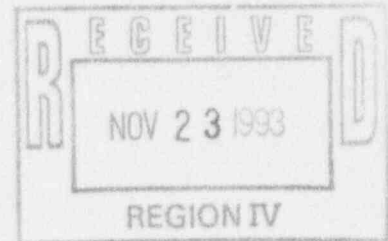
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November 11, 1993

RBG- 39360

File Nos. G9.5, G12.2.4



Mr. James L. Milhoan, Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza, Suite 400
Arlington, TX 76011

Dear Mr. Milhoan:

River Bend Station - Unit 1
Docket No. 50-458

Pursuant to NRC inspection module 82-302, Gulf States Utilities Company is submitting the enclosed objectives, 90 days in advance, to be fulfilled during the River Bend Station (RBS) Emergency Planning Exercise. The scenario package will be provided 60 days prior to the RBS exercise date of February 23, 1994.

Sincerely,

James J. Fisicaro
Manager, Safety Assessment and
Quality Verification

JJF:jr

Enclosure as indicated

xc: Mr. Frank J. Conjel, Director
Division of Radiation Protection and
Emergency Preparedness
Office of Nuclear Reactor Regulation
Washington, DC 20555

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1994 EVALUATED EXERCISE OBJECTIVES

- A. Demonstrate the ability to assess initial values of plant system and effluent parameters and provide continuing assessment of those parameters throughout the course of the accident.
- B. Demonstrate the ability to determine which emergency action level has been reached and properly classify the emergency using the emergency action levels identified in emergency procedures.
- C. Demonstrate the ability to alert, notify and mobilize emergency response personnel, and facilities, send out initial emergency messages, and warn or advise individuals who may be in areas within the owner controlled area as necessary.
- D. Demonstrate the reliability and effective use of onsite and offsite emergency communications equipment and procedures.
- E. Demonstrate the ability to control radiological exposures, determine doses, control contamination, perform dose assessment, and monitor individuals.
- F. Demonstrate the ability to make the appropriate protective action recommendations to State and local authorities utilizing all relevant factors.
- G. Demonstrate the ability to provide 24-hour per day emergency response and the ability to continue operation (24-hour) for a protracted period (on paper).
- H. Demonstrate the line of succession for the Emergency Director/ Recovery Manager at the required emergency classification.
- I. Demonstrate the ability to fully activate the Joint Information Center.
- J. Demonstrate the ability to control rumors.

engineering operational parameters, engineering logic, source term, radiological instrumentation data, and units of data provided by controllers. Scenario-related problems and poorly controlled exercises will be evaluated during the exercise. The in-house inspection of the scenarios should be against the requirements of 10 CFR 50.54(t), 50.47(b)(14), and Section IV.F. of Appendix E to 10 CFR 50. Results of these inspections should be documented in the Inspection Reports for inspections completed under IP 82301, "Evaluation of Exercises for Power Reactors."

Specific Guidance

03.01 Exhibit 1 provides the schedule recommended for the development, submission, and review of licensee (or applicant) exercise scenarios. This schedule is in accordance with the guidance of Table 2, "Milestones for REP Process," in FEMA-REP-14, "Radiological Emergency Preparedness Exercise Manual," dated September 1991.

03.02 Major onsite elements of licensee (or applicant) exercises should be included in the objectives. These elements normally include aspects of the emergency plan to be exercised and may include areas that the licensee (or applicant) wishes to evaluate for his own information, such as the use of a new set of procedures.

- a. Major elements that should be included in all exercises are listed below along with the specific references in NUREG-0654, Part II, and Supplement 1 to NUREG-0737.

<u>Elements that should be Exercised Each Year</u>	<u>NUREG-0654¹</u>
1. Accident detection and assessment	I.1, I.2
2. Emergency classification	D.1, D.2
3. Notification of onsite and offsite emergency responders	E.1, E.2, E.3, J.1
4. Communications	F.1, F.2, E.2, E.4, H.6, 8.1 8.2, 8.3, 8.4
5. Radiological exposure control	K.1, K.2, K.3, K.5, K.6, J.3, J.6
6. Protective action recommendations	J.7
7. Staff augmentation	A.1, A.3, A.4, B.7, B.8, B.9
8. Shift staffing	B.1, B.2, B.3; B.5, Table 2

¹ Items refer to NUREG-0654, Part II, except for elements (d) and (h), in part, in which the reference is NUREG-0737, Supplement 1.

- b. The inspector should review the emergency plan and related documentation to determine licensee (or applicant) commitments. Where the licensee (or applicant) has committed to the elements of NUREG-0654, the inspector should take steps to ensure that those elements of the emergency plan have been exercised over a 5-year period. Regulatory Guide 1.101, Revision 3, allows the licensee (or applicant) to develop methods and solutions different from those described in NUREG-0654. In the event that the licensee (or applicant) has not formally committed to NUREG-0654, the inspector should verify that applicable elements will be tested. Applicable elements as well as the appropriate references are provided below:

Elements that should be Exercised
Over a 5-Year Period

NUREG-0654¹

- | | |
|--|---|
| 1. Off-hours staffing (6 p.m. to 4 a.m.) | N.1.b ² |
| 2. Activation of emergency news center
(Joint Information Center) | G.3, G.4 |
| 3. Use of fire control teams | N.2.b, 0.4.d |
| 4. Use of first aid and/or rescue teams | K.1, K.2, K.3,
K.4, K.5, L.2,
0.4.f |
| 5. Use of medical support personnel | N.2.c, L.1,
L.4, 0.4.h |
| 6. Use of licensee's headquarters
support personnel | 0.4.i |
| 7. Use of security personnel to provide
prompt access for emergency equipment
and support | 0.4.d |
| 8. Use of backup communications | F.1 |
| 9. Rumor control | G.4.c |
| 10. Use of emergency power (where
a part of plant safety systems, e.g.
Technical Support Center (TSC)) | 8.2.1 |
| 11. Evacuation of Emergency Response
Facilities (ERFs) and relocation to
backup ERFs, where applicable | J.10.g |
| 12. Ingestion pathway exercise | J.9, J.11 |
| 13. Field monitoring, including soil, | |

¹ Items refer to NUREG-0654, Part II, except for element (j) in which the reference is NUREG-0737, Supplement 1.

² Item refers to NUREG-0654, Revision 1, Supplement 1.

vegetation, and water sampling	I.7, I.8, I.11, N.2.d
14. Capability for determining the magnitude and impact of the particular components of a release	I.3, I.4, I.6, I.8, I.9, I.10
15. Capability for post-accident coolant sampling and analysis	I.2
16. Use of potassium iodide	J.6.c
17. Assembly and accountability	J.5
18. Recovery and re-entry	M.1

- c. The level of specificity of the objectives should provide measurable and/or observable criteria for evaluators. The objectives should also include a description of adequate or acceptable levels of response.
- d. Onsite objectives should provide for a demonstration of the correction of previously identified drill or exercise weaknesses.
- e. For the full-participation biennial exercise, the NRC team leader should contact FEMA to confirm that offsite objectives are consistent with exercise frequency requirements, testing communication interfaces between onsite and offsite facilities, and testing of the public notification systems.

03.03 Exercise objectives are dependent on the type of exercise conducted. Descriptions of the types of exercises currently conducted by licensees and applicants may be found in Inspection Manual Chapter (IMC) 2500, Appendix I.

- a. Exercise Objectives. The reviewer should give particular attention to detail in the review of exercise objectives because they provide the basis for development of the exercise scenario and acceptance criteria for exercise evaluation. Objectives should be commensurate with the type and scope of exercise proposed. Information Notice 87-54, "Emergency Response Exercises," reminds licensees (and applicants) that off-year exercises are not required to proceed to severe core damage situations. These exercises can provide an opportunity for more realistic emergency response training and evaluation of licensee (or applicant staff). Emphasis should be placed on the timely evaluation of exercise objectives to provide enough time for the licensee (or applicant) to change or revise objectives in advance of the exercise without hardship.
- b. Exercise Scenarios. These scenarios should provide for (1) a test of the licensee's (or applicant's) integrated capabilities for timely response to a radiological accident, (2) a test of the content of selected implementing procedures and methods, (3) test emergency equipment, (4) test communications networks, and (5) should determine whether the licensee's (or applicant's) emergency response personnel are familiar with their emergency response duties (See 10 CFR 50, Appendix C, Part IV.F.). The objectives and scenario should provide meaningful training for the emergency response organization.

03.04 The inspector should review the scenario package to be familiar with the

CONTROLLED

Date: 11/24/93

EMERGENCY PREPAREDNESS

DRP/DRS AND DRSS ROUTE SLIP

DRP

DRS

DRSS

X	BEACH LTR ONLY
	GWYNN
	CHIEF, DRP/A
	CHIEF, DRP/B
	CHIEF, DRP/C
	CHIEF, DRP/D
X	CHIEF, TSS LTR
	RIV FILE
	DISCARD

X	COLLINS LTR ONLY
	HOWELL
	BARNES
	CHIEF, ES
	CHIEF, MS
	CHIEF, OS
	CHIEF, PSS
	RIV FILE
	DISCARD

X	CALLAN LTR ONLY
	CHAMBERLAIN
X	BATES LTR ONLY
	CHIEF, NMIS
	CHIEF, NMLS
X	CHIEF, FIPS
	RIV FILE
	DISCARD

COMMENTS:

INSTRUCTIONS FOR EMERGENCY PREPAREDNESS SECRETARY:

	Copies to those indicated above by X
X	Original to DMB - ENTIRE PKG - HELD BY NANCY UNTIL AFTER EXERCISE
	COPY TO:
X	State(s) - ENTIRE PKG - HELD BY NANCY UNTIL AFTER EXERCISE
	JLMilhoan/JMMontgomery
	GGBenoit
	REHall (URFO)
X	BSPITZBERG - ENTIRE PKG (Copy to DMB) <i>After Feb 94</i>
X	RIV File (LAST) - ENTIRE PKG - HELD BY NANCY UNTIL AFTER EXERCISE
	ACTION ITEM: E-93-45