

**GULF STATES UTILITIES COMPANY**



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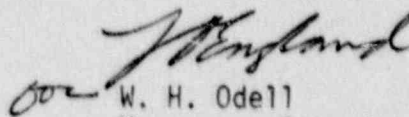
U. S. Nuclear Regulatory Commission  
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Washington, D. C. 20555

Gentlemen:

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

This letter provides Gulf States Utilities Company's (GSU) response to Generic Letter 90-01 "Request for Voluntary Participation in NRC Regulatory Impact Survey". In accordance with the generic letter request, and utilizing the guidance/clarification provided by NUMARC on this issue, River Bend Station, conducted the necessary site wide survey. This survey utilized the questionnaire provided as an enclosure to the generic letter. The completed questionnaires are provided as Attachment 2. A summary of the data included in these questionnaires is provided as Attachment 1.

Sincerely,

  
W. H. Odell  
Manager - Oversight  
River Bend Nuclear Group

  
TFP/LAE/LLD/KCH/pg

Attachment

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PDR ADOCK 05000458  
P PDC

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# NRC GENERIC LETTER 90-01 QUESTIONNAIRE SUMMARY RIVER BEND STATION UNIT-1

TYPE OF INSPECTION, AUDIT, OR EVALUATION	ACTIVITY FREQUENCY	AREAS COVERED	EXTENT OF ACTIVITY PER INSPECTION	APPROXIMATE ANNUALLY (TOTAL, HHRS) SEE NOTE
PROCUREMENT TEAM INSPECTION	1 TIME ONLY	PROCUREMENT & VENDOR INTERFERENCE PROGRAMS	7 INSPECTORS/ 2 WEEKS 1 INSPECTOR/ 3 DAY PRE-INSPECTION	8 PDH - 80 HHRS 1 PM - 8 HHRS 1 ONO - 4 HHRS
MAINTENANCE TEAM INSPECTION	1 TIME ONLY	MAINTENANCE INTERFERENCE AND ASSOCIATED ACTIVITIES	9 INSPECTORS/ 2 WEEKS 1 INSPECTOR/ 3 DAY PRE-INSPECTION 1 INSPECTOR/ 1 DAY EXIT MEETING	16 PDH - 3200 HHRS 1 PM - 80 HHRS 1 ONO - 10 HHRS
ENVIRONMENTAL QUALIFICATION TEAM INSPECTION	1 NRC INSPECTION 1 REGIONAL FOLLOW UP	IMPLEMENTATION OF ELECTRIC QUALIFICATION PROGRAM TO ENSURE COMPLIANCE WITH 10CFR50.49	8 INSPECTORS/ 1 WEEK	8 PDH - 80 HHRS 1 PM - 8 HHRS 1 ONO - 8 HHRS
STATE/LOCAL ENVIRONMENTAL AUTHORITY AUDIT	1 / YEAR	NONREGULATORY AND ENVIRONMENTAL PROGRAMS	2 INSPECTORS/ 2 DAYS 1 OOH - 5 HHRS	2 PDH - 5 HHRS 1 PM - 2 HHRS 1 OOH - 5 HHRS
EPA INSPECTION	1 / 1 - 2 YEARS	NRCES DISCHARGES, SPCC PLAN, HAZARDOUS WASTE, & MISD, ENVIRONMENTAL CONCERNS	3 INSPECTORS/ 2 DAYS 1 OOH - 5 HHRS	2 PDH - 5 HHRS 1 PM - 2 HHRS 1 OOH - 5 HHRS
NONDESTRUCTIVE EXAMINATION TEAM INSPECTION	1 / 4 - 6 YEARS	INSERVICE INSPECTIONS AND PLANT MODIFICATION ACTIVITIES	3 INSPECTORS/ 2 WEEKS	3 PDH - 30 HHRS 1 PM - 5 HHRS
NRC RESIDENT INSPECTION	10-12/ YEAR	MAINTENANCE OBSERVATIONS, OPERATION SAFETY VERIFICATION, SURVEILLANCE	2 INSPECTORS/ 4 WEEKS	16 PDH - 1600 HHRS 1 PM - 200 HHRS 3 OOH - 200 HHRS 1 ONO - 150 HHRS
NRC REGIONAL/RESIDENT INSPECTIONS RESULTING IN ENFORCEMENT CONFERENCES	1-2/ YEAR	TEST OBSERVATIONS, EVENT FOLLOW UP OPERATIONS, MAINTENANCE, & RADIATION PROTECTION PROGRAMS	1 INSPECTORS/ 1 WEEK	10 PDH - 1170 HHRS 1 PM - 100 HHRS 1 ONO - 100 HHRS
NRC REGIONAL/HEADQUARTERS INSPECTIONS	AVG 3/MONTH 1987 - 90 1988 - 26 1989 - 44	SITE WIDE PROGRAMS		16 PDH - 3520 HHRS 1 PM - 220 HHRS 3 PDH - 120 HHRS 1 ONO - 220 HHRS
AUTHORIZED NUCLEAR INSPECTORS (ANI) AUDITS AND INSPECTIONS	1 / MONTH	SAFETY RELATED AND BALANCE OF PLANT SYSTEMS	2 MEN/ 4 DAYS	4 PDH - 85 HHRS 1 PM - 10 HHRS 1 OOH - 375 HHRS 1 ONO - 1 HR
• PRESSURE SYSTEMS & MACHINERY INSPECTIONS	2 / YEAR	SITE WIDE PROGRAMS	3 MEN/ 4 DAYS	5 PDH - 5 HHRS 1 PM - 1 HR 1 OOH - 62 HHRS 1 ONO - 1 HR
• PRE/ALL RISK PROPERTY INSPECTIONS	2 / YEAR	TRAINING, RADIATION PROTECTION, OPERATIONS, & CHEMISTRY PROGRAMS	5 MEN/ 4 DAYS	5 PDH - 5 HHRS 1 PM - 1 HR 1 OOH - 62 HHRS 1 ONO - 1 HR
• LIABILITY INSPECTIONS	1 / YEAR	REB PRESSURE VESSELS & MACHINERY	2 MEN/ 2 DAYS	2 PDH - 1 HR 1 PM - 1 HR 1 OOH - 32 HHRS
NUCLEAR ELECTRIC INSURANCE LIMITED (NEL) AUDITS AND INSPECTIONS	1 / YEAR	REB EMERGENCY PLAN AND ASSOCIATED ACTIVITIES	SEE QUESTIONNAIRE	20 PDH - 832 HHRS 1 PM - 27 HHRS 1 ONO - 80 HHRS
EMERGENCY PLANNING DRILLS AND EXERCISES	1 / YEAR	ALL ASPECTS OF PLANT OPERATION, MAINTENANCE AND SUPPORT ACTIVITIES	20 MEN/ 2 WEEK PLANT EVALUATION 7 MEN/ 1 WEEK CORPORATE EVALUATION	16 PDH - 256 HHRS 1 PM - 40 HHRS 1 ONO - 24 HHRS
INFO EVALUATIONS AND VISITS	1 / YEAR			

NOTE: PDH = PLANT DEPARTMENT HEAD  
PM = PLANT MANAGER  
OOH = CORPORATE DEPARTMENT HEAD  
ONP = CORPORATE VICE PRESIDENT  
ONO = CHIEF NUCLEAR OFFICER  
NA = INFORMATION NOT AVAILABLE

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Procurement Team Inspection

2. Based on actual experience over the past several years, about how often is this activity conducted?

One time only

3. Operations/Construction areas covered:

Procurement and Vendor Interface Programs

4. Extent of the activity (how many people, for how long):

7 inspectors for 2 weeks and 1 man on the pre-inspection information gathering trip for 3 days

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 100 HRS (number involved): 8
- b. Plant Manager: 8 HRS
- c. Corporate Department Heads: 0 (number involved): 0
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 4 HRS



NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Maintenance Team Inspection

2. Based on actual experience over the past several years, about how often is this activity conducted?

One time only

3. Operations/Construction areas covered:

Maintenance organization and interfacing activities

4. Extent of the activity (how many people, for how long):

9 inspectors for 2 weeks and 1 man on pre-inspection information gathering trip for 3 days; post inspection exit meeting 1 day

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 3200 HRS (number involved): 16
- b. Plant Manager: 75 HRS
- c. Corporate Department Heads: 0 (number involved): 0
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 10 HRS

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Environmental Qualification Team Inspection

2. Based on actual experience over the past several years, about how often is this activity conducted?

One time only by NRR with a Regional follow up inspection

3. Operations/Construction areas covered:

Implementation of a program for establishing and maintaining the qualification of electrical equipment in accordance with 10 CFR 50.49

4. Extent of the activity (how many people, for how long):

8 inspectors for 1 week

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 100 HRS (number involved): 8
- b. Plant Manager: 8 HRS
- c. Corporate Department Heads: 0 (number involved): 0
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 8 HRS

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

State and Local Environmental Authorities

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately once per year

3. Operations/Construction areas covered:

Nonradiological and Environmental Programs

4. Extent of the activity (how many people, for how long):

1-2 inspectors for 1-2 days

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

a. Plant Department Heads: 5 HRS (number involved): 2

b. Plant Manager: 2 HRS

c. Corporate Department Heads: 5 HRS (number involved): 1

d. Corporate Vice Presidents: 0 (number involved): 0

e. Chief Nuclear Officer: 0

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Environmental Protection Agency Inspections

2. Based on actual experience over the past several years, about how often is this activity conducted?

Once per year

3. Operations/Construction areas covered:

NPDES discharges, SPCC plan, hazardous and solid wastes, underground storage tanks, etc.

4. Extent of the activity (how many people, for how long):

2-3 inspectors for 1-2 days

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

a. Plant Department Heads: 5 HRS (number involved): 2

b. Plant Manager: 2 HRS

c. Corporate Department Heads: 5 HRS (number involved): 1

d. Corporate Vice Presidents: 0 (number involved): 0

e. Chief Nuclear Officer: 0



NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Nondestructive Examination Team Inspection

2. Based on actual experience over the past several years, about how often is this activity conducted?

Once every 4-6 years

3. Operations/Construction areas covered:

Independent measurements using the mobile nondestructive examination laboratory for inservice inspections and plant modification activities

4. Extent of the activity (how many people, for how long):

3 inspectors for 2 weeks

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

a. Plant Department Heads: 30 HRS (number involved): 3

b. Plant Manager: 5 HRS

c. Corporate Department Heads: 0 (number involved): 0

d. Corporate Vice Presidents: 0 (number involved): 0

e. Chief Nuclear Officer: 0

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

NRC Resident Inspectors Monthly Inspection

2. Based on actual experience over the past several years, about how often is this activity conducted?

10-12 per year

3. Operations/Construction areas covered:

Follow-up of events, maintenance observations, operation safety verification, surveillance test observations, etc.

4. Extent of the activity (how many people, for how long):

2 inspectors for 3-4 weeks

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

a. Plant Department Heads: 1600 HRS (number involved): 16

b. Plant Manager: 200 HRS

c. Corporate Department Heads: 200 HRS (number involved): 3

d. Corporate Vice Presidents: 0 (number involved): 0

e. Chief Nuclear Officer: 150 HRS

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

NRC Regional and Resident Inspections that result in Enforcement Conferences

2. Based on actual experience over the past several years, about how often is this activity conducted?

1-2 per year

3. Operations/Construction areas covered:

Generally operations or maintenance or radiation protection programs

4. Extent of the activity (how many people, for how long):

NA

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 1170 HRS (number involved): 10
- b. Plant Manager: 100 HRS
- c. Corporate Department Heads: 0 (number involved): 0
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 100 HRS

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

NRC Regional and Headquarters Inspections

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately 3 per month; 1987 - 30 inspections, 1988 - 28 inspections, 1989 - 44 inspections

3. Operations/Construction areas covered:

Site wide programs

4. Extent of the activity (how many people, for how long):

2 inspectors for 1 week

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

a. Plant Department Heads: 3520 HRS (number involved): 16

b. Plant Manager: 220 HRS

c. Corporate Department Heads: 120 HRS (number involved): 3

d. Corporate Vice Presidents: 0 (number involved): 0

e. Chief Nuclear Officer: 220 HRS



NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Authorized Nuclear Insurers (ANI) Audits and Inspections - Pressure Systems  
& Machinery (PSM)

2. Based on actual experience over the past several years, about how often is  
this activity conducted?

Once per month

3. Operations/Construction areas covered:

All Safety-Related and Balance of Plant (BOP) systems

4. Extent of the activity (how many people, for how long):

2 men for 4 days: (1) Risk Management Services Personnel, (1) Hartford  
Steam Boiler Personnel (under contract to ANI)

5. Approximate total number of hours (on an annual basis) which the following  
managers must spend in direct involvement before, during, and in response  
to the activity described in Item #1:

- a. Plant Department Heads: 85 HRS (number involved): 4
- b. Plant Manager: 10 HRS
- c. Corporate Department Heads: 375 HRS (number involved): 1
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 1 HR

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Authorized Nuclear Insurers (ANI) Audits and Inspections - Fire / All Risk  
Property Inspections

2. Based on actual experience over the past several years, about how often is  
this activity conducted?

Semi-annually

3. Operations/Construction areas covered:

Site wide programs

4. Extent of the activity (how many people, for how long):

2-3 men for 4 days

5. Approximate total number of hours (on an annual basis) which the following  
managers must spend in direct involvement before, during, and in response  
to the activity described in Item #1:

- a. Plant Department Heads: 5 HRS (number involved): 5
- b. Plant Manager: 1 HR
- c. Corporate Department Heads: 62 HRS (number involved): 1
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 1 HR

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Authorized Nuclear Insurers (ANI) Audits and Inspections, ANI Liability Inspections

2. Based on actual experience over the past several years, about how often is this activity conducted?

Semi-annually

3. Operations/Construction areas covered:

Training, Radiation Protection, Operation, & Chemistry programs

4. Extent of the activity (how many people, for how long):

2-5 men for 4 days

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 5 HRS (number involved): 5
- b. Plant Manager: 1 HR
- c. Corporate Department Heads: 62 HRS (number involved): 1
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 1 HR

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Nuclear Electric Insurance Limited (NEIL) Audits and Inspections

2. Based on actual experience over the past several years, about how often is this activity conducted?

Once per year

3. Operations/Construction areas covered:

Power plant pressure vessels and machinery

4. Extent of the activity (how many people, for how long):

2 men for 2 days

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

a. Plant Department Heads: 1 HR (number involved): 2

b. Plant Manager: 1 HR

c. Corporate Department Heads: 32 HRS (number involved): 1

d. Corporate Vice Presidents: 0 (number involved): 0

e. Chief Nuclear Officer: 0



NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

Emergency Planning Drills and Exercises

2. Based on actual experience over the past several years, about how often is this activity conducted?

Annually (1) NRC evaluated exercise and (4) GSU integrated training drills; In addition there is classroom training for all individuals assigned to RBS Emergency Response Organization

3. Operations/Construction areas covered:

Activation of RBS Emergency Plan, Implementing Procedures, and Staffing of Emergency Response Facilities

4. Extent of the activity (how many people, for how long):

7 inspectors for 1 week

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 832 HRS (number involved): 20
- b. Plant Manager: 27 HRS
- c. Corporate Department Heads: NA (number involved): NA
- d. Corporate Vice Presidents: NA (number involved): NA
- e. Chief Nuclear Officer: 83 HRS

NRC Regulatory Impact Survey  
Questionnaire Sheet

1. Type of inspection, audit, or evaluation:

INPO Evaluations and Visits

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately one evaluation per year

3. Operations/Construction areas covered:

All aspects of plant operation, maintenance and support activities

4. Extent of the activity (how many people, for how long):

20 men for 2 weeks - plant evaluation  
7 men for 1 week - corporate evaluation

5. Approximate total number of hours (on an annual basis) which the following managers must spend in direct involvement before, during, and in response to the activity described in Item #1:

- a. Plant Department Heads: 256 HRS (number involved): 16
- b. Plant Manager: 40 HRS
- c. Corporate Department Heads: 0 (number involved): 0
- d. Corporate Vice Presidents: 0 (number involved): 0
- e. Chief Nuclear Officer: 24 HRS