



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

April 5, 2019

Mr. Steven Vercelli  
Site Vice President  
Entergy Operations, Inc.  
5485 U.S. Highway 61N  
St. Francisville, LA 70775

SUBJECT: RIVER BEND STATION, UNIT 1 – NRC PROBLEM IDENTIFICATION AND  
RESOLUTION INSPECTION REPORT 05000458/2019011

Dear Mr. Vercelli:

On February 28, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a problem identification and resolution inspection at River Bend Station and discussed the results of this inspection with Jeff Reynolds, Director, Regulatory & Performance Improvement and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspection team reviewed the station's corrective action program and the station's implementation to evaluate its effectiveness in identifying, prioritizing, evaluating, and correcting problems, and to confirm that the station was complying with NRC regulations and licensee standards for corrective action programs. Based on the samples reviewed, the team determined that your staff's performance in each of these areas adequately supported nuclear safety.

The team also evaluated the station's processes for use of industry and NRC operating experience information and the effectiveness of the station's audits and self-assessments. Based on the samples reviewed, the team determined that your staff's performance in these areas adequately supported nuclear safety.

Finally, the team reviewed the station's programs to establish and maintain a safety-conscious work environment and interviewed station personnel to evaluate the effectiveness of these programs. Based on the team's observations and the results of these interviews the team found no evidence of challenges to your organization's safety-conscious work environment. Your employees appeared willing to raise nuclear safety concerns through at least one of the several means available.

The NRC inspectors did not identify any finding or violation of more than minor significance.

S. Vercelli

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This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

***/RA Ray Azua Acting For/***

Ray L. Kellar, P.E., Acting Team Leader  
Inspection Program and Assessment Team  
Division of Reactor Safety

Docket No. 50-458  
License No. NPF-47

Enclosure:  
Inspection Report 05000458/2019011  
w/ Attachment: Information Request  
dated November 29, 2018

cc w/ encl: Electronic Distribution

**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Number: 05000458

License Number: NPF-47

Report Number: 05000458/2019011

Enterprise Identifier: I-2019-011-0000

Licensee: Entergy Operations, Inc.

Facility: River Bend Station

Location: Saint Francisville, Louisiana

Inspection Dates: February 11 - 28, 2019

Inspectors: H. Freeman, Senior Reactor Inspector  
P. Jayroe, Reactor Inspector  
C. Jewett, Physical Security Inspector  
B. Parks, Resident Inspector

Approved By: Ray L. Kellar, P.E., Acting Team Leader  
Inspection Program and Assessment Team  
Division of Reactor Safety

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a biennial problem identification and resolution inspection at River Bend Station, Unit 1 in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information. Findings and violations being considered in the NRC's assessment are summarized in the table below.

### **List of Findings and Violations**

No findings were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

## **OTHER ACTIVITIES – BASELINE**

### 71152B - Problem Identification and Resolution

#### 02.04 Biennial Team Inspection (1 Sample)

The inspectors performed a biennial assessment of the licensee's corrective action program, use of operating experience, self-assessments and audits, and safety-conscious work environment.

**Corrective Action Program Effectiveness:** The inspectors assessed the corrective action program's effectiveness in identifying, prioritizing, evaluating, and correcting problems and to confirm that the station was complying with NRC regulations and licensee procedures. The team selected a sample of approximately 270 condition reports for review out of those that had been generated over the course of the assessment period beginning at the end of the previous biennial assessment on April 27, 2017. The selection included corrective action documents associated with 18 findings documented as non-cited violations in NRC inspection reports during the assessment period, 29 conditions that had been addressed by the licensee as Adverse Condition Analysis (cause analysis), and all 4 conditions that had been addressed as Root Cause Evaluations. Included in the sample was an in-depth review of condition reports associated with the emergency diesel generating system and the reactor protection system over a 5-year period. A listing of these documents can be found in the documents reviewed section of this report.

During the 2 weeks that the team was onsite, the team observed the licensee's prioritization process by attending several screening committee meetings where department performance improvement coordinators provided recommendations on addressing issues documented in the corrective action process, and performance improvement review group meetings where managers reviewed and approved each issue (adverse or non-adverse, prioritization, and corrective actions) documented in the corrective action process.

To assess the adequacy of the licensee's corrective action process, the team compared the licensee's performance against regulatory requirements and licensing basis documents including: Title 10 of the Code of Federal Regulations Part 50, Appendix B, Criterion XVI, "Corrective Action;" Licensee Technical Specification 5.4.1 "Procedures," as contained in Renewed Facility Operating License No. NPF-47; and against the licensee's implementing procedures: EN-LI-102, "Corrective Action Program;" EN-LI-108, "Event Notification and Reporting;" EN-LI-118, "Cause Evaluation Process;" EN-LI-121, "Trending and Performance

Review Process;" and EN-OP-104, "Operability Determination Process."

Operating Experience, Self-Assessments and Audits – The inspectors assessed the effectiveness of the station’s processes for use of operating experience, audits and self-assessments. The team reviewed 46 Operating Experience written responses and condition reports that were developed based on information from a variety of sources including Title 10 of the Code of Federal Regulations, Part 21 notifications and other vendor correspondence, NRC generic communications, and publications from various industry groups including Institute of Nuclear Power Operations. The team reviewed 24 self-assessments and 12 audits that had been completed during the assessment period and interviewed the program engineer.

Safety-Conscious Work Environment – The inspectors assessed the effectiveness of the station’s programs to establish and maintain a safety-conscious work environment. The team conducted safety-conscious work environment focus group interviews with 46 individuals from 5 different disciplines (maintenance, operations, engineering, planning/scheduling, nuclear independent oversight). Additionally, the team conducted individual interviews with 12 maintenance supervisors representing each of the maintenance organizations (electrical, mechanical, instrumentation and controls, fix-it-now). The team observed interactions between employees during the condition report screening meetings and during the Performance Improvement Review Group meetings.

The team interviewed the employee concerns coordinator and reviewed the results of the site’s latest safety culture surveys and investigations related to safety-conscious work environment.

## INSPECTION RESULTS

Observation - Corrective Action Program Assessment	71152B
<p>Based on the samples reviewed, the team determined that the licensee’s corrective action program (CAP) complied with regulatory requirements and self-imposed standards. The licensee’s performance in each of the areas of Problem Identification, Prioritization and Evaluation, and Corrective Actions adequately supported nuclear safety.</p> <p>The team found that the licensee was identifying and documenting problems at an appropriately low threshold that supported nuclear safety. On average, the licensee was identifying and documenting over 6,600 condition reports (adverse and non-adverse) per year or approximately 170 per month. The number of condition reports initiated remained relative consistent with those from prior years.</p> <p>The team found that the licensee was adequately prioritizing and evaluating problems. While the team did identify that (early in the assessment period) the licensee had been routinely characterizing some conditions associated with safety-related equipment as non-adverse [to quality] when it should have been adverse, these mischaracterizations did not adversely impact the prioritization or implementation of corrective actions to address the conditions. The team noted that in 2018 the licensee had also identified they had been routinely using operability determinations to decide whether a documented condition was adverse or not and subsequently worked with the corporate office to add clarification to the corrective action procedure (EN-LI-102) on how a condition should be classified. The team found that the licensee's actions to address potential mischaracterizations appeared to be effective.</p>	

Over the assessment period, the team found that the licensee had generally developed and implemented corrective actions that were effective, timely, and - in cases of significant conditions adverse to quality – appeared to prevent recurrence. The team noted that while the licensee continued to experience degradation to nuclear fuel rods, the corrective actions that were scheduled to be installed during the next refueling outage were extensive and designed to reduce the chances of damage during future operations.

Observation - Self-Assessments and Audits Assessment	71152B
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Based on the samples reviewed and discussions with staff within the quality assurance and quality control organizations, the team determined that the licensee effectively performed self-assessments and audits. The samples reviewed were critical and challenged the status quo of the organization or program being assessed. Identified conditions were appropriately addressed within the corrective action program or through another licensee process. The team found that quality control and quality assurance staff reported to a manager within the corporate organization, and therefore, were independent of the onsite organization.

Observation - Operating Experience Assessment	71152B
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Based on the samples reviewed, the team determined the licensee appropriately evaluated industry operating experience for its relevance to the facility. Operating experience information was incorporated into plant procedures and processes as appropriate. The team further determined the licensee appropriately evaluated industry-operating experience when performing root cause analysis and apparent cause evaluations. The licensee appropriately incorporated both internal and external operating experience into lessons learned for training and pre-job briefs.

Observation - Safety-Conscious Work Environment Assessment	71152B
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Based on inspection interviews and insights obtained from safety culture and other relevant assessments, the team found that the licensee had established and maintained a safety-conscious work environment where individuals felt free to raise concerns without fear of retaliation. Employees indicated that they had numerous avenues for raising concerns which included talking to their supervisor, writing condition reports, using the chain-of-command (open door policy), the employee concerns program, the ethics hotline, or the NRC. Many individuals stated that they could take an issue all the way to the Site Vice President if they thought that they needed to do so to have their concern addressed properly.

The team noted that many of the individuals interviewed were relatively new to the site and industry - many had less than 3 years' experience. The team learned that a significant percentage of the staff had changed during the previous few years, but that management was committed to hiring and training replacements. The team found that most of the organizations were fully staffed (if not fully qualified). While the staff turnover may continue to present challenges to the licensee regarding knowledge management/knowledge transfer, the team found that it did not adversely impact the safety-conscious work environment.

Finally, the team noted that the licensee had substantiated there were challenges to the safety-conscious work environment within the maintenance organization in mid-2018 and had made changes within the organization to address these challenges. Based upon the interviews, the team found that these changes appeared to be effective and did not identify the existence of issues that represented current challenges to the free flow of information or any underlying factors that could produce a reluctance to raise nuclear safety concerns.

## **EXIT MEETINGS AND DEBRIEFS**

On February 28, 2019, the inspectors presented the biennial problem identification and resolution inspection results to Mr. J. Reynolds, Director, Regulatory & Performance Improvement and other members of the licensee staff. The inspectors verified no proprietary information was retained or documented in this report.

## DOCUMENTS REVIEWED

### 71152—Problem Identification and Resolution Biennial

#### Condition Reports (CR-RBS-YYYY-NNNN unless otherwise noted)

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2008-03020	2014-00794	2014-00816	2014-02698
2014-02961	2014-04164	2014-05471	2014-05472
2014-05821	2014-06122	2014-06616	2015-00237
2015-00451	2015-02686	2015-03277	2015-03291
2015-04816	2015-04817	2015-05296	2015-06129
2015-07606	2015-08293	2015-08503	2015-08559
2015-09136	2016-00416	2016-00584	2016-00770
2016-00890	2016-00893	2016-01370	2016-01430
2016-01451	2016-02202	2016-02715	2016-02962
2016-03324	2016-03519	2016-03784	2016-03882
2016-04125	2016-04838	2016-05616	2016-05620
2016-05810	2016-06213	2016-06859	2016-07717
2016-07737	2017-00168	2017-00669	2017-00678
2017-00691	2017-01409	2017-00156	2017-01684
2017-01716	2017-01740	2017-01918	2017-02046
2017-02058	2017-02228	2017-02238	2017-02242
2017-02284	2017-02640	2017-02773	2017-02790
2017-02828	2017-03082	2017-03349	2017-03377
2017-03424	2017-03445	2017-03533	2017-03704
2017-04046	2017-04128	2017-04375	2017-04431
2017-04560	2017-04566	2017-04663	2017-04843
2017-04907	2017-04961	2017-04961	2017-05078
2017-05261	2017-05419	2017-05568	2017-05575
2017-05630	2017-05875	2017-05989	2017-06008
2017-06031	2017-06064	2017-06090	2017-06118
2017-06206	2017-06316	2017-06518	2017-06618
2017-06656	2017-06998	2017-07047	2017-07076
2017-07079	2017-07348	2017-07378	2017-07543
2017-07623	2017-07777	2017-08060	2017-08198
2017-08270	2017-08275	2017-08294	2017-08299
2017-08310	2017-08362	2017-08490	2017-08563
2018-00027	2018-00028	2018-00057	2018-00224
2018-00294	2018-00320	2018-00352	2018-00523
2018-00613	2018-00776	2018-00780	2018-00780
2018-00780	2018-00922	2018-01085	2018-01365
2018-01417	2018-01735	2018-01743	2018-01916
2018-01967	2018-01980	2018-02105	2018-02314
2018-02400	2018-02417	2018-02454	2018-02597
2018-02687	2018-02738	2018-02765	2018-02768
2018-02771	2018-02775	2018-02780	2018-02880
2018-02960	2018-02978	2018-03095	2018-03145
2018-03146	2018-03149	2018-03424	2018-03537
2018-03572	2018-03630	2018-03666	2018-03715
2018-03751	2018-03804	2018-03882	2018-03910
2018-03952	2018-03971	2018-04078	2018-04297
2018-04382	2018-04612	2018-04613	2018-04783

Condition Reports (CR-RBS-YYYY-NNNNN unless otherwise noted)

2018-05054	2018-05057	2018-05225	2018-05334
2018-05563	2018-05635	2018-05725	2018-05752
2018-05776	2018-05876	2018-05915	2018-05978
2018-05992	2018-06038	2018-06084	2018-06300
2018-06352	2018-06363	2018-06497	2018-06677
2019-00097	2019-00106	2019-00316	2019-00341
2019-01025	2019-01058	2019-01108	2019-01156
2019-01160	HQN-2018-00792	HQN-2018-01495	HQN-2018-02689
HQN-2019-00316			

Non-Cited Violations and Findings (NRC item number)

2017002-01	2017002-02	2017003-01	2017003-02
2017004-01	2017007-01	2017007-02	2017009-01
2018001-01	2018001-02	2018002-01	2018012-01
2018012-02	2018012-03	2018012-04	2018301-01
2018406-01	2018406-02		

Work Orders

228397	411132	429154	436356-01
468033	468034	469554	473593
476316	476317	478993	479296
493161	499908	512684	52726753

QA Audits

Number	Title	Date
QA-10-2018-RBS-1	Quality Assurance Audit Report – Maintenance	
QA-12/18-2017-RBS-01	Quality Assurance Audit Report – Operations / Tech Specs	
QA-4-2018-RBS-01	Quality Assurance Audit Report – Engineering (Design Control)	
QA-3-2017-RBS-01	Quality Assurance Audit Report – Corrective Action Program	
QA-1-2017-RBS-1	Fitness-for-Duty and Access Authorization Audit	08/14/2017
QA-1-2018-RBS-1	Fitness-for-Duty and Access Authorization Audit	08/13/2018
QA-2-6-2017-RBS-1	Combined Chemistry, Effluents and Environmental Monitoring Audit	09/18/2017
QA-7-2017-BRS-1	Emergency Plan Audit	05/08/2017
QA-7-2018-BRS-1	Emergency Plan Audit	05/07/2018
QA-14-15-2017-RBS-1	Combined Radiation Protection and Radiation Waste Audit	10/23/2017
QA-16-2017-RBS-1	Security and Cyber Security Audit	12/06/2017
QA-16-2018-RBS-1	Security and Cyber Security Audit	12/03/2018

Self-Assessments

Number	Title
LO-RLO-2016-00147	Chemistry and I&C Continuing Training programs
LO-RLO-2017-00016	Pre-NRC-Radiation Monitoring Instrumentation
LO-RLO-2017-00024	Pre-NRC Focused Self-Assessment: Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation
LO-RLO-2017-00025	Radioactive Gaseous and Liquid Effluent Treatment and Radiological Environmental Monitoring Program
LO-RLO-2017-00030	Perform Snapshot Assessment - Verification of Emergency Facilities On-Site and Off-Site Activity Topic: Controlled Document Annual Audit
LO-RLO-2017-00033	Pre-NRC Inspection – Access Authorization
LO-RLO-2017-00034	Protection of Safeguards Information
LO-RLO-2017-00040	Snubber Program Compliance Focused Self-Assessment
LO-RLO-2017-00044	Self-Assessment – Confined Space
LO-RLO-2017-00055	(Pre-NRC FSA) Occupational Dose Assessment
LO-RLO-2017-00061	IP 71130.07 Security Training
LO-RLO-2017-00062	IP 71130.02 Access Control
LO-RLO-2017-00070	Pre-NRC Evaluated Exercise Assessment
LO-RLO-2017-00071	RP Pre-NRC Focused Self-Assessment Radiation Safety Inspection IP 71124.01 - Radiological Hazard Assessment and Exposure Controls IP 71124.03 - In-Plant Airborne Radioactivity Control and Mitigation IP 71151-OR01 - Occupational Exposure Control Effectiveness
LO-RLO-2017-00079	Industry OE: 2017 Utility TIF ACC 2-1: Student Evaluation Methods
LO-RLO-2017-00101	Annual Protection of Safeguards Information Self-Assessment
LO-RLO-2018-00023	3-Month Followup Assessment on Fleet Sharing Events (CR-HQN-2018-00339)
LO-RLO-2018-00029	Department Compliance with Chemical Control and Waste Management Requirements
LO-RLO-2018-00030	EN-MA-131 Lockout Tagout of Non-Plant Related Equipment
LO-RLO-2018-00032	Perform Snapshot Assessment – Verification of Emergency Facilities On-Site and Off-Site: Controlled Document Annual Audit
LO-RLO-2018-00034	Perform Operating Experience (OE) Self-assessment
LO-RLO-2018-00047	Operator Fundamentals Informal Self-Assessment
LO-RLO-2018-00056	Operating Experience Self-Assessment
LO-RLO-2018-00083	EFIN Product Quality / Technical Rigor

Procedures

Number	Title	Revision
AOP-0024	Hydraulic Stability Controls	33
EN-DC-136	Modifications	18

Procedures Number	Title	Revision
EN-DC-304	MOV Thrust/Torque Setpoint Calculations	003
EN-DC-311	MOV Periodic Verification	005
EN-DC-312	MOV Test Data Review	006
EN-LI-102	Corrective Action Program	25
EN-LI-102	Corrective Action Program	36
EN-LI-104	Assessments and Benchmarking	14
EN-LI-119	Evaluation Process	29
EN-LI-121	Trending and Performance Review Process	25
EN-MA-118	Material Exclusion	15
EN-OE-100	Operating Experience Program	32
EN-OP-104	Determination Process	16
EOP-0005	Emergency Operating Procedures and Severe Accident Procedures Enclosures	322
GPM-0111	Tri-Nuclear Filter Operation	01

Other Docs:

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EC 69975 2/26/17 Child EC for Logic Changes for HVC-ACU1A and HVC-ACU2A

EC 74740 Rev 0 Comparison of RBS Procedures 10 EGM 15-002 and DSS-ISG-2016-01 for Enforcement Discretion for Tornado Generated Missile Non-Compliances

EC 62698 Rev 0 Disable the Self Diagnostic Trip on E31-N604D to a Light Indication Only Calculation PM-194 Rev 11 Standby Cooling Tower Performance and Evaporation Losses Without Drywell Unit Coolers

EC 75651

EN-MA-131 Lockout Tagout of Non-Plant Related Equipment

**Information Request**  
**Biennial Problem Identification and Resolution Inspection at River Bend Station**  
**November 29, 2018**

**Inspection Report:** 2019011  
**On-site Inspection Dates:** Weeks of February 11 and February 25, 2019  
**Assessment Period:** April 28, 2017, through March 1, 2019

This inspection will cover the period from April 28, 2017, through the end of the onsite inspection. The scope of this request is information associated with activities during this inspection period unless otherwise specified. To the extent possible, the requested information should be provided electronically in word-searchable Adobe PDF (preferred) or Microsoft Office format. Any sensitive information should be provided in hard copy during the team's first week on site; we request that you do not provide sensitive or proprietary information electronically.

Lists of documents ("summary lists") should be provided in Microsoft Excel or a similar sortable format. Please ensure that the description field is not size limited such that the condition is unclear. Please be prepared to provide any significant updates to this information during the team's first week of on-site inspection. As used in this request, "corrective action documents" refers to condition reports, notifications, action requests, cause evaluations, and/or other similar documents.

Please provide the following information no later than January 18, 2019:

1. Summary Document Lists

Note: For these summary lists, please include the document/reference number, the document title, initiation date, current status, and long-text description of the issue.

- a. All corrective action documents related to significant conditions adverse to quality that were opened, closed, or evaluated during the period
- b. All corrective action documents related to conditions adverse to quality that were opened, closed or evaluated during the period
- c. All open corrective action documents related to conditions adverse to quality that were first identified prior to the inspection period (April 28, 2017)
- d. All corrective action documents that were upgraded or downgraded in priority/significance during the period (these may be limited to those downgraded from, or upgraded to, apparent-cause level or higher)
- e. Corrective action documents initiated during the period that "roll up" multiple similar or related issues, or that identify a trend
- f. Operator workarounds, operator burdens, temporary modifications, and control room deficiencies (1) currently open and (2) that were evaluated and/or closed during the period
- g. All prompt operability determinations (or other engineering evaluations) to provide reasonable assurance of operability

- h. Plant safety issues raised or addressed by the Employee Concerns Program (or equivalent) (sensitive information should be made available during the team's first week on site—do not provide electronically)

2. Full Documents with Attachments

Note: Please include a summary list or index if document titles are not descriptive.

- a. Root Cause Evaluations completed during the period; include a list of any planned or in progress
- b. Apparent Cause Evaluations completed during the period (if less than 20)
- c. Quality Assurance audits performed during the period
- d. Audits/surveillances performed during the period on the Corrective Action Program, of individual corrective actions, or of cause evaluations
- e. Functional area self-assessments and non-NRC third-party assessments (e.g., peer assessments performed as part of routine or focused station self- and independent assessment activities; do not include INPO assessments) that were performed or completed during the period; include a list of those that are currently in progress
- f. Any assessments of the safety-conscious work environment; if none performed during the inspection period, provide the most recent
- g. Corrective action documents generated during the period associated with the following:
  - i. NRC findings and/or violations
  - ii. Licensee Event Reports issued
- h. Corrective action documents generated for the following, if they were determined to be applicable (for those that were evaluated but determined not to be applicable, provide a summary list):
  - i. NRC Information Notices, Bulletins, and Generic Letters issued or evaluated during the period
  - ii. Part 21 reports issued or evaluated during the period
  - iii. Vendor safety information letters (or equivalent) issued or evaluated during the period
  - iv. Other external events and/or Operating Experience evaluated for applicability during the period
- i. Corrective action documents generated for the following:
  - i. Emergency planning drills and tabletop exercises performed during the

period

- ii. Maintenance preventable functional failures that occurred or were evaluated during the period
- iii. Action items generated or addressed by offsite review committees during the period
- iv. Comments, observations, or minor performance deficiencies identified or documented during the 2017 NRC PI&R inspection or generated due to inspector comments

3. Logs and Reports

- a. Corrective action performance trending/tracking information generated during the period and broken down by functional organization (if this information is fully included in item 3.b, it need not be provided separately)
- b. Current system health reports, Management Review Meeting package, or similar information; provide past reports as necessary to include  $\geq 12$  months of metric/trending data
- c. Radiation protection event logs during the period
- d. Security event logs and security incidents during the period (sensitive information should be made available during the team's first week on site—do not provide electronically)
- e. List of training deficiencies, requests for training improvements, and simulator deficiencies for the period

Note: For items 3.c and 3.d, if there is no log or report maintained separate from the corrective action program, please provide a summary list of corrective action program items for the category described.

4. Procedures

Note: For these procedures, please include all revisions that were in effect at any time during the period.

- a. Corrective action program procedures, to include initiation and evaluation procedures, operability determination procedures, cause evaluation procedures, and any other procedures that implement the corrective action program
- b. Quality Assurance program procedures (specific audit procedures are not necessary)
- c. Employee Concerns Program (or equivalent) procedures
- d. Procedures that implement/maintain a Safety Conscious Work Environment
- e. Conduct of Operations procedure (or equivalent) and any other procedures or

policies governing control room conduct, operability determination, operator burdens and workarounds, etc.

- f. Operating Experience (OE) program procedures and any other procedures or guidance documents that describe the site's use of OE information

5. Other

- a. List of risk-significant components and systems, ranked by risk worth
- b. List of structures, systems, and components and/or functions that were in maintenance rule (a)(1) status at any time during the inspection period; include dates and results of expert panel reviews and dates of status changes
- c. Organization charts for plant staff and long-term/permanent contractors
- d. Electronic copies of the UFSAR (or equivalent), technical specifications, and technical specification bases, if available
- e. Table showing the number of corrective action documents (or equivalent) initiated during each month of the inspection period, by screened significance
- f. For each day the team is on site,
  - i. Planned work/maintenance schedule for the station
  - ii. Schedule of management or corrective action review meetings (e.g. operations focus meetings, condition report screening meetings, CARBs, MRMs, challenge meetings for cause evaluations, etc.)
  - iii. Agendas for these meetings

Note: The items listed in 5.f may be provided on a weekly or daily basis after the team arrives on site.

All requested documents should be provided electronically where possible. Regardless of whether they are uploaded to an internet-based file library, please provide copies on CD or DVD. One copy of the CD or DVD should be provided to the resident inspector at the site; and one additional copy should be provided to the team lead, to arrive no later than January 18, 2019:

U.S. NRC Region IV  
Attn: Harry Freeman  
1600 E. Lamar  
Arlington, TX 76011

**PAPERWORK REDUCTION ACT STATEMENT**

This request does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, control number 3150-0011.

RIVER BEND STATION, UNIT 1 – NRC PROBLEM IDENTIFICATION AND RESOLUTION  
INSPECTION REPORT 05000458/2019011 – APRIL 5, 2019

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ADAMS ACCESSION NUMBER: ML19095B499

SUNSI Review: ADAMS:  Non-Publicly Available  Non-Sensitive Keyword: NRC-002

By: HAF  Yes  No  Publicly Available  Sensitive

OFFICE	SRI:IPAT	RI:IPAT	PSI:PSB1	RI:PBC	ATL:IPAT	C:PBC	ATL:IPAT
NAME	HFreeman	PJayroe	CJewett	BParks	RKellar	JKozal	RKellar
SIGNATURE	/RA/	/RA/	/RA/	/RA/	/RA/	/RA/	/RA RVA for/
DATE	03/27/2019	03/27/2019	03/27/2019	04/01/2019	04/02/2019	04/04/2019	04/05/2019

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