



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**

REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

August 17, 1999

Randall K. Edington, Vice President - Operations  
River Bend Station  
Entergy Operations, Inc.  
P.O. Box 220  
St. Francisville, Louisiana 70775

SUBJECT: NRC INSPECTION REPORT 50-458/99-11

Dear Mr. Edington:

On July 19-23, 1999, the NRC completed an inspection at your River Bend Station reactor facility. The enclosed report presents the scope and results of that inspection.

Areas examined during this inspection included portions of your physical security program. We determined that those areas inspected were being effectively implemented.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response will be placed in the NRC Public Document Room (PDR).

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Original signed by

Gail M. Good, Chief  
Plant Support Branch  
Division of Reactor Safety

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

Enclosure:  
NRC Inspection Report  
50-458/99-11

Entergy Operations, Inc.

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State of Louisiana  
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Entergy Operations, Inc.

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E-Mail report to T. Frye (TJF)  
E-Mail report to D. Lange (DJL)  
E-Mail report to NRR Event Tracking System (IPAS)  
E-Mail report to Document Control Desk (DOCDESK)

bcc to DCD (IE04)

bcc distrib. by RIV:

Regional Administrator  
River Bend Resident Inspector  
DRS Director  
DRS Deputy Director  
DRP Director  
Branch Chief (DRP/B)  
Project Engineer (DRP/B)  
Branch Chief (DRS/PSB)  
MIS System  
RIV Docket File  
Elaine Koup NRR/DRPM/SGB (MS: OWFN 11E-22)  
Ellen Poteat, OCFO/LFARB, (MS: TWFN 9E-10)

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RIV:PSB		PSB	E	C:DRS\PSB		C:DRP\B		D:DRS	
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**ENCLOSURE**

U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV

Docket No.: 50-458  
License Nos.: NPF-47  
Report No.: 50-458/99 11  
Licensee: Entergy Operations, Inc.  
Facility: River Bend Station  
Location: 5485 U.S. Highway 61  
St. Francisville, Louisiana  
Dates: July 19-23, 1999  
Inspector: Thomas. W. Dexter, Senior Physical Security Specialist  
Approved By: Gail M. Good, Chief, Plant Support Branch  
Division Reactor Safety  
Attachment: Supplemental Information

EXECUTIVE SUMMARY

River Bend Station  
NRC Inspection Report 50-458/99-11

This was an announced inspection of the licensee's physical security program. The areas inspected included access control of personnel, packages, and vehicles; compensatory measures; security plans and procedures; management support; security program audits; access authorization; security officer training and qualifications; and miscellaneous security and safeguards issues.

Plant Support

Overall the licensee's security program continues to be implemented in an excellent manner. Senior management support for the security organization was very good. Overall, the access authorization program was excellent. The staff was highly trained and extremely knowledgeable of all areas of the program. An effective program for searching personnel and packages was maintained. Equipment operators were efficient and properly trained. The compensatory measures program was effectively implemented. Security personnel were well trained on the program requirements. Security personnel observed in the performance of their duties and those interviewed demonstrated that they were knowledgeable of program requirements. Changes to security programs and plans were reported within the time requirements stated in 10 CFR 50.54(p). An effective training program that included conducting shift contingency drills had been implemented. Documentation of training activities was very good. The licensee's on-shift security staffing was properly maintained. The annual audit of the security program was intrusive and evaluated performance of individuals (Sections S1.1, S1.2, S1.3, S2.1, S3.1, S5.1, S6.1, S6.2 and S7.1).

## Report Details

### IV. Plant Support

#### **S1 Conduct of Security and Safeguards Activities**

##### S1.1 Access Authorization

###### a. Inspection Scope (81700-02.01)

Portions of the access authorization program were reviewed in order to determine compliance with 10 CFR 73.56 and the physical security plan.

###### b. Observations and Findings

The inspector reviewed selected access authorization records and interviewed program administrators and determined that they performed their duties in an excellent manner. The inspector reviewed the licensee's access authorization program policy and procedure and determined that the procedure contained specific guidance necessary to effectively implement the program.

###### c. Conclusion

Overall, the access authorization program was excellent. The staff was highly trained and extremely knowledgeable of all program areas.

##### S1.2 Protected Area Access Control of Personnel, Packages, and Vehicles

###### a. Inspection Scope (81700)

The access control program for personnel, packages, and vehicles was inspected to determine compliance with the requirements of the security plan.

###### b. Observations and Findings

Through observations at the primary access point and the vehicle sallyport the inspector determined that the licensee properly controlled access of personnel, packages, and vehicles into the protected area. The protected area access control equipment was inspected and found to be functional and maintained. The inspector also observed use of the X-ray machine and search of packages and material. The operators were efficient and properly trained.

###### c. Conclusions

An effective program for searching personnel, packages, and vehicles was maintained. Equipment operators were efficient and properly trained.

## **S2 Status of Security Facilities and Equipment**

### **S2.1 Compensatory Measures**

#### **a. Inspection Scope (81700)**

The inspector reviewed the licensee's compensatory measures program to determine compliance with the requirements of the physical security plan. The areas inspected included deployment of compensatory measures and the effectiveness of those measures.

#### **b. Observations and Findings**

The inspector determined by observation and discussion that the licensee deployed compensatory measures in a manner consistent with the requirements in the physical security plan. Through interviews, the inspector determined that the security personnel available for assignment to compensatory security posts were properly trained for those duties. Additionally, the inspector noted that the licensee had an adequate number of on-shift security personnel available to comply with the security plan.

#### **c. Conclusions**

The compensatory measures program was effectively implemented. Security personnel were well trained on the program requirements.

## **S3 Security and Safeguards Procedures and Documentation**

### **S3.1 Security Program Plans and Procedures**

#### **a. Inspection Scope (81700)**

The physical security plan and the implementing procedures were inspected to determine compliance with the requirements of 10 CFR 50.54(p) and the physical security plan.

#### **b. Observations and Findings**

The inspector determined that previous plan changes were submitted to the NRC within the time requirements stated in 10 CFR 50.54(p). Additionally, the inspector concluded that the changes submitted did not reduce the effectiveness of the plan. The inspector determined that the licensee maintained an effective management system for the development and administration of plan changes.

c. Conclusions

Changes to security programs and plans were reported to the NRC within the time requirements stated in 10 CFR 50.54(p)

**S5 Security and Safeguards Training and Qualification**

S5.1 Security Training and Qualification Plan

a. Inspection Scope (81700)

The inspector reviewed the licensee's security training and qualification program to determine adequacy and compliance with the requirements of the security training, qualification, and contingency plans.

b. Observations and Findings

The inspector verified that the security organization conducted security training in accordance with its approved security training and contingency plans. The inspector confirmed by a review of the security shift records that contingency drills were conducted periodically on each shift. Documentation of the drills was maintained on file.

On July 22, 1999, the inspector observed firearms training. Excellent safety practices were noted and instructors assisted the security officers as needed.

At various times during the inspection, the inspector observed security officers during the performance of their duties. All security officers displayed excellent knowledge of the procedural requirements for the task they were performing.

c. Conclusions

An effective training program that included conducting shift contingency drills had been implemented. Documentation of training activities was very good.

**S6 Security Organization and Administration**

S6.1 Management Support

a. Inspection Scope (81700)

The effectiveness and adequacy of management support of the physical security program were reviewed.

b. Observations and Findings

The inspector determined by discussions with security force personnel that the security program received very good support from senior management. Additionally, members

of the security organization had a clear understanding of their duties and responsibilities.

c. Conclusions

Senior management support for the security organization was very good. The security program was implemented by a trained and qualified staff.

S6.2 Staffing Levels

a. Inspection Scope

The inspector reviewed the number of trained security officers and armed personnel available to fulfill response requirements of the physical security plan.

b. Observations and Findings

The inspector determined from discussions with security supervisors and a review of the security shift personnel roster that there were an adequate number of security officers and armed personnel available to meet the number specified in the physical security plan.

c. Conclusion

The licensee's on-shift security staffing was properly maintained.

**S7 Quality Assurance in Security and Safeguards Activities**

S7.1 Security Program Audits

a. Inspection Scope (81700)

Audits of the security program were inspected to determine compliance with the requirements of 10 CFR 50.54(p) and the physical security plan.

b. Observations and Findings

The inspector verified that an audit of the security program had been conducted annually. The inspector reviewed Security Audit 99-03-I-SECY dated May 26, 1999. The inspector interviewed audit personnel and confirmed that they were independent of plant security management and supervision. The inspector determined that the audit of the security and contingency plans were comprehensive and accurately characterized the licensee's programs. The inspector noted that a security expert from another utility was used as a subject expert on the security audit team. The audit methodology was both compliance and performance-based auditing. The techniques employed to accomplish the audit included personnel and document reviews, and performance observations. There were no audit findings identified during the audit. Two condition

reports were written during the audit, neither of which were related to security program performance.

c. Conclusions

The annual audit of the security program was intrusive and properly evaluated performance of individuals.

**V. Management Meetings**

**XI Exit Meeting Summary**

The inspector presented the inspection results to members of licensee management at the conclusion of the inspection on July 23, 1999. The licensee acknowledged the findings presented.

## ATTACHMENT

### SUPPLEMENTAL INFORMATION

#### PARTIAL LIST OF PERSONS CONTACTED

##### Licensee

L. Ballard, Supervisor - Quality  
R. Biggs, Coordinator - Licensing  
S. Boykin, Security Coordinator  
R. Buell, Manager - Project Management  
H. Cooper, Security Manager - Corporate  
D. Dormady, Manager - Plant Engineering  
H. Hutchens, Superintendent - Plant Security  
R. King, Director - Nuclear Safety & Regulatory Affairs  
D. Lorfing, Supervisor - Licensing  
J. McGhee, Manager - Operations  
D. Myers, Senior Specialist - Licensing  
R. Parrion Jr., Security Technician  
R. Roberts, Manager - Project Outage  
J. Somerindyke, Supervisor Security Operations  
A. Shamkarami, Manager - SE  
S. Woodward, Security Technician

##### Contractors

S. Anders, Security Compliance Specialist, Wackenhut Security  
R. Etu, Shift Supervisor, Wackenhut Security  
G. Ingrassia, Project Manager, Wackenhut Security  
T. Kees, Nuclear Security Officer, Wackenhut Security  
J. Mills, Director, Nuclear Operations, Wackenhut Security  
S. Robertson, Security Shift Supervisor, Wackenhut Security  
D. Thomas, Security Compliance Specialist, Wackenhut Security

#### INSPECTION PROCEDURES USED

IP 81700      Physical Security Program for Power Reactors

**LIST OF ITEMS OPENED, CLOSED AND DISCUSSED**

Items Opened

None

Items Closed

None

Items Discussed

None

**LIST OF DOCUMENTS REVIEWED**

River Bend Physical Security Plan, Revision 18C, dated September 10, 1998

River Bend Station Training and Qualification Plan, Revision 13, dated December 8, 1998

Records for one individual with revoked unescorted access authorization

River Bend Station Procedure AOP-0054, "Security Events," Revision 3

River Bend Station Procedure PSP-4-501, "Training Program (Security Force Drills),"  
Revision 10, dated 6/4/98

Agility test records on ten security officers

Records of contingency drills conducted for the past year

Interviewed approximately eight security officers

Audit/Surveillance Reports

River Bend Station Quality Assurance Security Audit 99-03-I-SECY dated May 26, 1999