



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

April 23, 2018

Mr. Richard L. Anderson, Vice President
Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802-0967

SUBJECT: ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 - NRC SECURITY INSPECTION
REPORT 05000313/2018404 AND 05000368/2018404

Dear Mr. Anderson:

On, April 5, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Arkansas Nuclear One, Units 1 and 2, facility. The NRC inspectors discussed the results of this inspection with Mr. B. Davis, Engineering Director, and other members of your staff. The results of this inspection are documented in the enclosed report.

No NRC-identified or self-revealing findings were identified during this inspection.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Jeremy R. Groom, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6

Enclosure: NRC Security Inspection Report
05000313/2018404 and 05000368/2018404

cc w/enclosure:
Mr. Gregory D. Brown, Manager, Security
Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802

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

Docket Number(s): 05000313, 05000368

License Number(s): DPR-51, NPF-6

Report Number(s): 05000313/2018404 and 05000368/2018404

Enterprise Identifier: I-2018-404-0010

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One, Units 1 and 2

Location: Russellville, Arkansas

Inspection Dates: April 2, 2018, to April 5, 2018.

Inspectors: J. Larsen, Senior Physical Security Inspector
D. Hostetter, Physical Security Inspector
R. Lanfear, Physical Security Inspector

Approved By: J. Groom, Chief,
Plant Support Branch 1
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a Baseline Security Inspection at Arkansas Nuclear One, Units 1 and 2, 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. Nuclear Regulatory Commission and self-revealed findings, violations, and additional items are summarized in the table below.

List of Findings and Violations

No Findings

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. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." 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.

71130.04 – Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security equipment performance, testing and maintenance program. The following elements were evaluated:

- Tier I: all 38 requirements
- Tier II: all 4 requirements
- Tier III: all 2 requirements

71130.07 – Security Training (1 Sample)

The inspectors evaluated the security training program. The following elements were evaluated:

- Tier I: all 16 requirements
- Tier II: all 6 requirements
- Tier III: all 5 requirements

EXIT MEETINGS AND DEBRIEFS

On April 5, 2018, the inspectors presented the Baseline Security Inspection results to Mr. B. Davis and other members of the licensee staff. The inspector asked whether any of the material examined during the inspection should be considered proprietary. No proprietary information was identified.

DOCUMENTS REVIEWED

71130.04 – Equipment Performance, Testing, and Maintenance

Procedures (Number)	Title	Revision Or Date
EN-NS-212	Weapons Maintenance Accountability Program	5
EN-NS-221	Security Organization, Standards, and Expectations	10
1043.012	Functional Test of Gates and Doors	38
1043.013	Communications Check, Equipment Inventory, and Inspection	31
1043.013B	Shift Armory Inventory	31
1043.014	Patrols/Inspection	42
1043.015	Testing Intrusion System/Security-Related Equipment	50
1043.016	Operational Test of Access Control Equipment	28
SECJA-AC-005	Manual Operation of Gate 6	0
SECJA-AC-004	Itemizer 3 Calibration and Operation	0
OA-16-2017-ANO-1	Quality Assurance Audit Report	December 14, 2017

Other

Reviewed Maintenance Work Orders

Reviewed Maintenance Report Logs

Reviewed Post-Orders and Updated Post-Orders

Reviewed Ammunition Accountability, Rifle Accountability, Armorer Certifications, Supervisor Checklist, Light Meter Tester, Weapons Repair Logs, Rifle Technical Maintenance, and Rifle Performance Maintenance

Condition Reports (CRs)

2018-01517	2018-01456	2018-01454	2018-01451
2018-01436	2018-00986	2018-00828	2018-00275
2017-03133	2017-03132	2017-03038	2017-02985
2017-02625	2017-02617	2017-00158	

71130.07 – Security Training

Procedures (Number)	Title	Revision Or Date
EN-NS-300	Security Training Program	8
EN-NS-301	Security Systematic Approach to (SAT) Training Process	4
EN-NS-303	Security Training Oversight Program	6
EN-NS-304	Security On-the-Job Trainings, Task Performance Evaluation and Training Exemptions	6
ASJPM-SEC-PHYSFIT 22.0	Physical/Fitness Performance Requirements	3
ASJPM-SEC-OPCOMSEQ 18.0	Operate the Base Station Radio and Security Communications Equipment	0
ASJPM-SEC-TACTICAL 27.4	Tactical Fire Qualification Course	7
ASJPM-SEC-29.4	Energy Fleet Remote Operated Weapon System (ROWS) Tactical Qualification Course of Fire	0
QA-16-2017-ANO-1	Quality Assurance Audit Report	December 14, 2017
FJPM-SEC-FCAF	Fleet Composite Adversary Force Member Qualifications	1

Other

Training Records of Officer, Supervisor, and Trainers; Post Orders

Condition Reports (CRs)

2018-01498	2018-01497	2018-01493	2018-01491
2018-01490	2018-00941	2018-00360	2018-00349
2017-03342	2017-03047	2017-03038	2017-02985
2017-02625	2017-02617	2017-00158	

ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 - NRC SECURITY INSPECTION
 REPORT 05000313/2018404 AND 05000368/2018404 – APRIL 23, 2018

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ADAMS ACCESSION NUMBER: ML18113A990

SUNSI Review: ADAMS: Non-Publicly Available Non-Sensitive Keyword: NRC-002
 By: JRL Yes No Publicly Available Sensitive

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