



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064**

May 29, 2001

Craig G. Anderson, Vice President,
Operations
Arkansas Nuclear One
Entergy Operations, Inc.
1448 S.R. 333
Russellville, Arkansas 72801-0967

**SUBJECT: ANNUAL ASSESSMENT LETTER - ARKANSAS NUCLEAR ONE
(REPORT 50-313, 368/01-01)**

Dear Mr. Anderson:

On May 8, 2001, the NRC staff completed its end-of-cycle plant performance assessment of Arkansas Nuclear One. The end-of-cycle review for Arkansas Nuclear One involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period April 2, 2000, to March 31, 2001. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Overall, Arkansas Nuclear One operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through May 31, 2002.

Enclosure 1 details the scheduled inspections that will occur through May 31, 2002. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 through December 31), the next inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 through September 30) in lieu of a midcycle review. The impact on the inspection plan, which is included as an enclosure, is minimal. Activities planned for the transition cycle represent only 60-80 percent of those activities that would be accomplished during a typical 12-month inspection and assessment cycle.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 817/860-8137 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Linda Joy Smith, Chief
Project Branch D
Division of Reactor Projects

Dockets: 50-313; 50-368
Licenses: DPR-51; NPF-6

Enclosure:
Arkansas Nuclear One Inspection/Activity Plan

cc w/enclosure:
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& Chief Operating Officer
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Entergy Operations, Inc.

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ES Coordinator
Johnson County OES
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Clarksville, Arkansas 72830

ES Coordinator
Logan County OES
Logan County Courthouse
Paris, Arkansas 72855

Mayor, City of Danville
P.O. Box 69
Danville, Arkansas 72833

Entergy Operations, Inc.

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Mayor, City of Paris
P.O. Box 271
Paris, Arkansas 72855

Mayor, City of Clarksville
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Mayor, City of Atkins
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Mayor, City of Russellville
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Mayor, City of London
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Mayor, City of Morrilton
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Morrilton, Arkansas 72110

Judge, Yell County
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County Judge
Conway County Courthouse
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Morrilton, Arkansas 72110

County Judge
Johnson County Courthouse
P.O. Box 278
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Entergy Operations, Inc.

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County Judge
Logan County Courthouse
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Federal Emergency Management Agency
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Electronic distribution from ADAMS by RIV:
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 Branch Chief, DRP/D (**LJS**)
 Senior Project Engineer, DRP/D (**vacant**)
 Section Chief, DRP/TSS (**PHH**)
 J. Isom, NRR (**JAI**)
 RidsNrrDipmlipb

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|---------------|-------------|-------------|-------------|------------------------|
| RIV:SPE:DRP/D | C:DRP/D | D:DRS | D:DRP | OE:NRR/IIPB |
| WCSifre;df | LJSmith | ATHowell | KEBrockman | JAlsom |
| /RA/ | /RA/ | /RA/ | /RA/ | E-PHHarrell for |
| 5/14/01 | 5/15/01 | 5/18/01 | 5/24/01 | 5/22/01 |

| | | | | |
|----------------|--|--|--|--|
| C:DRP/D | | | | |
| Signature | | | | |
| LJSmith | | | | |
| 5/29/01 | | | | |

**Arkansas Nuclear One
Inspection / Activity Plan
06/01/2001 - 05/31/2002**

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|----------------|---------------------|--|-------------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | EMB | - FIRE PROTECTION INSPECTION | 7 | | | |
| 1, 2 | IP 7111105T | Fire Protection | | 06/11/2001 | 06/22/2001 | Baseline Inspections |
| | PSB-RP1 | - ALARA PLANNING AND CONTROLS (3) | 1 | | | |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 05/29/2001 | 06/01/2001 | Baseline Inspections |
| | EMB | - SSD & PC INSPECTION | 8 | | | |
| 1, 2 | IP 7111121 | Safety System Design and Performance Capability | | 07/09/2001 | 07/13/2001 | Baseline Inspections |
| 1, 2 | IP 7111121 | Safety System Design and Performance Capability | | 07/23/2001 | 07/27/2001 | Baseline Inspections |
| | EMB | - ANO 50.59 | 1 | | | |
| 1, 2 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 07/09/2001 | 07/13/2001 | Baseline Inspections |
| | OB-RQ | - REQUAL INSP | 2 | | | |
| 1, 2 | IP 7111111B | Licensed Operator Requalification | | 07/09/2001 | 07/13/2001 | Baseline Inspections |
| | PSB-EP1 | - EAL/EP & PIV | 1 | | | |
| 1, 2 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 07/16/2001 | 07/20/2001 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 07/16/2001 | 07/20/2001 | Baseline Inspections |
| | PSB-RP2 | - RAD MONITORING INSTRUMENTATION | 1 | | | |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 09/24/2001 | 09/28/2001 | Baseline Inspections |
| | EMB | - HEAT SINK PERFORMANCE BIENNIAL | 1 | | | |
| 1, 2 | IP 7111107B | Heat Sink Performance | | 10/01/2001 | 10/05/2001 | Baseline Inspections |
| | PSB-RP3 | - ALARA PLANNING AND CONTROLS (4) | 1 | | | |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 10/09/2001 | 10/12/2001 | Baseline Inspections |
| | PSB-S1 | - RESPONSE TO CONT EVENTS | 4 | | | |
| 1, 2 | IP 7113003 | Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy) | | 10/15/2001 | 10/19/2001 | Baseline Inspections |
| | OB-EXAMS | - RO/SRO EXAMS | 4 | | | |
| 2 | X02215 | ANO-UNIT 2 - INITIAL EXAM (01/2002) | | 01/28/2002 | 02/01/2002 | Not Applicable |
| 2 | X02215 | ANO-UNIT 2 - INITIAL EXAM (01/2002) | | 02/11/2002 | 02/15/2002 | Not Applicable |
| | EMB | - 50.59 INSPECTION | 1 | | | |
| 1, 2 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 02/25/2002 | 03/01/2002 | Baseline Inspections |
| | PSB-S1 | - ACCESS AUTH/CONTROL, SEC PLAN & PIV | 1 | | | |
| 1, 2 | IP 7113001 | Access Authorization Program (Behavior Observation Only) | | 02/25/2002 | 03/01/2002 | Baseline Inspections |
| 1, 2 | IP 7113002 | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorization) | | 02/25/2002 | 03/01/2002 | Baseline Inspections |
| 1, 2 | IP 7113004 | Security Plan Changes | | 02/25/2002 | 03/01/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 02/25/2002 | 03/01/2002 | Baseline Inspections |
| | PSB-EP1 | - EP EXERCISE BASELINE INSPECTION | 3 | | | |
| 1, 2 | IP 7111401 | Exercise Evaluation | | 03/25/2002 | 03/29/2002 | Baseline Inspections |
| 1, 2 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 03/25/2002 | 03/29/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 03/25/2002 | 03/29/2002 | Baseline Inspections |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

**Arkansas Nuclear One
Inspection / Activity Plan
06/01/2001 - 05/31/2002**

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|--|---------------------|--|-------------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| RP-1 - ACRSA AND PIV | | | 1 | | | |
| 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 04/15/2002 | 04/19/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 04/15/2002 | 04/19/2002 | Baseline Inspections |
| RP-2 - ALARA | | | 1 | | | |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 04/15/2002 | 04/19/2002 | Baseline Inspections |
| EMB - INSERVICE INSPECTION | | | 1 | | | |
| 1, 2 | IP 7111108 | Inservice Inspection Activities | | 04/22/2002 | 04/26/2002 | Baseline Inspections |
| EMB - MODIFICATIONS BIENNIAL | | | 2 | | | |
| 1, 2 | IP 711117B | Permanent Plant Modifications | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| TM-RP-P - RP TEAM INSPECTION PUBLIC | | | 4 | | | |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| 1, 2 | IP 7112201 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| 1, 2 | IP 7112202 | Radioactive Material Processing and Transportation | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| 1, 2 | IP 7112203 | Radiological Environmental Monitoring Program | | 05/20/2002 | 05/24/2002 | Baseline Inspections |

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