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10CFR50.59(d)(2)

OCAN120202

December 4, 2002

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Subject: Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6  
10CFR50.59 Summary Report

Dear Sir or Madam:

In accordance with 10CFR50.59(d)(2), enclosed is the Arkansas Nuclear One (ANO), Unit 2 10CFR50.59 report for the time period ending November 4, 2002. This report contains a brief description of changes in procedures, changes in the facility as described in the Safety Analysis Report (SAR), and changes in the Technical Requirements Manual (TRM). The report also contains a description of tests and experiments conducted which were not described in the SAR, and other changes to the SAR for which a safety analysis was conducted. A copy of the completed safety evaluation for each change is also included. This summary report also includes evaluations that were common to both Unit 1 and Unit 2. The enclosed documents are provided on CD-ROM.

Should you have any questions, please contact Stephenie Pyle at 479-858-4704.

Sincerely,

A handwritten signature in cursive script that reads "Sherrie R. Cotton".

Sherrie R. Cotton  
Director, Nuclear Safety Assurance

SRC/slp  
Enclosure

IE47

U.S. NRC  
OCAN120202

cc: Mr. Ellis W. Merschoff  
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U. S. Nuclear Regulatory Commission  
Attn: Mr. Thomas Alexion  
Washington, DC 20555-0001

Arkansas Nuclear One – Unit 2 and Common  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6

10CFR50.59 Report

This report contains a brief description of changes in procedures and in the facility as described in the Safety Analysis Report (SAR), tests and experiments conducted which were not described in the SAR, and other changes to the SAR for which a safety analysis was conducted. This report also contains the safety evaluation for each change. Included with this summary report are evaluations that were common to both ANO Unit 1 and Unit 2. This report is applicable for the period from July 11, 2001 to November 4, 2002.

The safety evaluations included in this report were performed in accordance with 10CFR50.59 and determined that none of the changes required prior NRC approval.

# 50.59 Summary Report

<b>50.59 Number</b>	<b>Initiating Document</b>	<b>Summary</b>
1999 - 50	PROC 1000.043	Unit 2 Steam Generator Water Chemistry Monitoring
2000 - 2	DCP 974991N204	Installed Injection Lines from Molar Ratio Skid to 2E-1A/B Outlet
2000 - 22	TAP 00-2-02	Vacuum Gauge for Steam Trap Discharge Monitoring
2000 - 23	ER 002387E201	Vacuum System Copper Instrument Tubing Replacement
2000 - 24	PROC 1000.152	Unit 1 and 2 Fire Protection System Specifications
2000 - 26	DCP 980642D208	Unit 2 Steam Generator Replacement Project - Main Steam and Feedwater Piping
2001 - 9	TAP 1-2-001	2P-89B Recirculation Line Orifice Bypass Test Header
2001 - 20	NCP 003266N201	Main Feedwater Hydrazine Analyzer Replacements
2001 - 26	ER 963230D201	2E11A/B Condenser Tube Bundle Replacement
2001 - 27	ER 980507E201	Changed 2DW-214 and 2DW-215 to Normally Closed
2001 - 35	ER 002546E201	Incorporated the Use of Earthquake and Seismic Testing Experience into the ANO-2 Licensing Basis
2001 - 39	ER 010705E201	Clarifies the stop valve testing duration as defined in TRM 4.3 4.1.2
2001 - 40	ER 991659E201	Addresses Implied Leakage Criteria
2001 - 42	TRM Revision	Removed Shutdown Actions for Charging Pumps
2001 - 44	ER-ANO-1998-0547-058	Incorporated New Setpoints for the Unit 2 PPS for Cycle 16 Power Uprate
2001 - 45	ER-ANO-2001-0377-002	Added a Manual Gate Valve into the 2DBC-3 Piping Upstream of 2CV-0798-1 (EFW test/flush line)
2001 - 47	LIR 01-0066	Power Uprate Evaluation
2001 - 51	ER002528E202	Evaluation to Provide Limitations on Entry into the Reactor Building
2001 - 53	ER 991909E303 / TAP 01-0-002	Temporary Installation of Mechanical Jumpers on the Screen Wash Piping System
2002 - 1	TAP 02-2-001	Installation of ESFAS Auxiliary Relay Cabinet Temporary Power Supply

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2002 - 2	ER 93-R-0007-01	Supplement to the 1995 50 59 Review of ER 93-R-0007-01
2002 - 3	ER-ANO-2000-2796-008	Installation of the Second Generation Mechanical Nozzle Seal Assemblies
2002 - 4	Danger Tag A2-00-3237	Danger Tag Clearance to Isolate PASS and Maintain Configuration Control during Installation of ER003264E201
2002 - 5	ER-ANO-2002-0226-000	Deferral of Turbine Valve Testing
2002 - 6	ER-ANO-2002-0017-000 / TAP 02-2-002	Temporary Installation of a Spent Fuel Pool Reverse Osmosis Unit
2002 - 7	ER-ANO-2002-0141-000	Removed the Autostart Portion of the Control Circuits Associated with 2VEF-56A and 2VEF-56B
2002 - 8	TRM Change	Allowed for Movement of Fuel Based Upon Heat Load in the Spent Fuel Pool
2002 - 9	ER 01-R-2008-03	ANO-2 Cycle 16 Reload Analysis Report
2002 - 10	ER-002344-E201	Power Uprate Roll-up
2002 - 11	TAP-02-0-001	Temporary Installation of a Pump to the Fire Water System Test Header
2002 - 12	TAP-02-2-004	Temporary Installation of a Cooling Water Connection Between the Plant Fire Water System and the Control Room Chiller
2002 - 13	TAP-02-2-005	Temporary Installation of a Cooling Water Connection Between the Plant Fire Water System and the Auxiliary Building Extension Chiller
2002 - 14	OP-2409.738	Action for Uncoupling CEA 65
2002 - 15	TAP-02-2-003	Installation of a Temporary Equivalent Capacity Fire Hose
2002 - 16	TAP-02-2-009	Temporary Installation of Temporary Chiller
2002 - 17	ER 01-R-2008-04	ANO-2 Cycle 16 COLR
2002 - 18	OP-2202 010, 2202.003, and 2202.009	Standard Attachments, LOCA, and Functional Recovery
2002 - 20	ER-ANO-2000-3151-003	Breathing Air Compressor C29 Abandoned in Place
2002 - 21	ER-ANO-2002-0053-000	Removed Switch 2FIS-1216 from the 2K427 Window #11 Alarm Circuit
2002 - 25	ER-ANO-2002-0897-000	Deferral of Turbine Valve Testing

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2002 - 29	ER-2002-0780-000, TAP 02-2-002	Temporary Installaton of a Mechanical Jumper Between the Fire System Test Header and Yard Hydrant H-1
2002 - 36	TAP 02-1-004, MAI 72719	Temporary Alteration to Install a Blind Flange/Spool Piece Configuration for SW-8C so SFP Cooling Can be Maintained