



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

June 3, 1986

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Mr. George W. Knighton, Director
PWR Project Directorate No. 7
Division of PWR Licensing - B
U. S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Schedule for Implementation
of Generic Requirements

Dear Mr. Knighton:

The attached information is provided in response to your letter of April 30, 1986 (2CNA048604) requesting AP&L's review of the ANO-2 specific Generic Requirement List. Due to the short time frame in which you requested our response and the brief subject descriptions provided, we were unable to determine the subject licensee action on a number of the items. We understood your letter to request the best information that was quickly available in order to meet your schedule. To accommodate this schedule our normal review and verification process was circumvented. Although the information is believed to be accurate and reflective of the status, proper verification should be obtained before officially using this information.

The information you provided was integrated and reproduced in the attached tabular format. Added is a Licensee Status column and a Comment column. In the Licensee Status column we have provided the date (month and year) in which the item was closed or will be closed. A "C" follows the date for

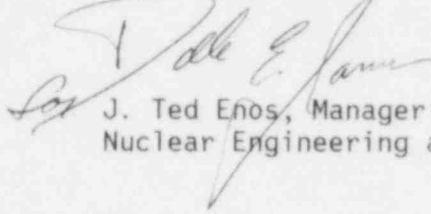
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June 3, 1986

those items which are complete. Where completion dates could not be determined a dash appears. When the subject action could not be determined an asterisk was placed in this column. The Comment column is provided to clarify the status as appropriate.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. Ted Enos".

J. Ted Enos, Manager
Nuclear Engineering and Licensing

JTE/DEJ/sg

Attachment

ANO-2

<u>TAC #</u>	<u>MPA #</u>	<u>TITLE</u>	<u>LIC ACT COMPLETE</u>	<u>LICENSE STATUS</u>	<u>COMMENTS</u>
M08159	A-02	Appendix I - ALARA (Tech Spec Implementation Review)	12/14/84C	*	We are unaware of any outstanding issues pertaining to this topic.
M11390	A-09	Pressure Vessel Beltline Material Surveillance	02/27/81C	*	We are unaware of any outstanding issues pertaining to this topic.
M10540	A-10	Contingency Plan Review	11/19/80C	*	We are unaware of any outstanding issues pertaining to this topic.
M12218	A-10	Contingency Planning	01/01/70C	3/79C	Safeguards Contingency Plan Submitted.
M12219	A-11	Guard Training Plan Review	01/01/70C	8/79C	Security Personnel Training and Qualification Plan Submitted.
M10536	A-11	Guard Training Plan Review	02/23/82C	*	We are unaware of any outstanding issues pertaining to this topic.
M10543	A-12	Vital Area Analysis	05/25/82C	*	We are unaware of any outstanding issues pertaining to this topic.
M12634	A-15	Quality Assurance Request Regarding Diesel Generator Fuel Oil	04/03/80C	4/80C	
M51070	A-17	Instrumentation to Follow the Course of an Accident (RG 1.97)	11/30/86	4/84C	Position document submitted to NRC, NRC review ongoing, modifications scheduled through 1/88.

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M55697	A-18	Tech Specs Affected by 50.72 and 50.73 (GL 83-43)	04/30/86	7/86	Current schedule calls for a submittal on 7/86.
M59069	A-20	10 CFR 50.62 Operating Reactor Reviews	09/30/86	-	Awaiting NRC approval of OG reports - Implementation 1988.
M59940	A-21	10 CFR 50.61 Pressurized Thermal Shock Rule Requirements, Phase I	09/30/86C	1/86C	AP&L final submittal on 50.61.
M12092	B-01	Diesel Generator Lockout	01/09/80C	1/80C	SER issued.
M12072	B-03	PWR Moderator Dilution	04/03/80C	*	We are unaware of any outstanding issues pertaining to this topic.
M12068	B-04	Reactor Vessel Overpressure Protection (Mitigating System)	06/19/81C	6/81C	
M12065	B-08	PWR HPSI-LPSI Flow Resistance	10/17/79C	*	We are unaware of any outstanding issues pertaining to this topic.
M12198	B-10	Burnable Poison Rod Failure - B&W (Follow-Up Actions Resulting From TMI-2 Short Term)	03/11/80C	*	We are unaware of any outstanding issues pertaining to this topic.
M12076	B-13	Fuel Rod Bow Effects on Nuclear Enthalphy Hot Channel Factor	01/22/82C	*	We are unaware of any outstanding issues pertaining to this topic.
M12060	B-14	CEA Guide Tube Wear Surveillance Program	06/19/81C	6/81C	Tech Spec Amendment 24.
M12069	B-17	Tech Spec Surveillance for Hydraulic Snubbers	01/29/85C	-	Tech Spec submitted.
M12061	B-20	Containment Leakage Due to Seal Deterioration (Isolation Valves With Resilient Seats)	10/02/80C	5/83C	

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M12093	B-21	Loss of 125-V DC Bus Voltage With Loss of Annunciator	05/25/82C	*	We are unaware of any outstanding issues pertaining to this topic.
M12070	B-22	Tech Spec Surveillance Requirements for Mechanical Snubbers	01/29/85C	5/86C	Tech Spec issued.
M10219	B-24	Venting and Purging Containments While at Full Power	03/25/80C	80C	
M42583	B-24	Long-term Review Venting and Purging Containments While at Full Power	12/14/81C	*	We are unaware of any outstanding issues pertaining to this topic.
M12079	B-26	Inadvertent Safety Injection During Cooldown	03/12/79C	*	We are unaware of any outstanding issues pertaining to this topic.
M12090	B-36	Resistance Temperature Detector (RTD) Response	06/30/81C	6/81C	SER issued.
M12058	B-37	Steam Generator Tube Denting and Support Plate Mod	10/17/79C	*	We are unaware of any outstanding issues pertaining to this topic.
M12056	B-39	PWR Pressure - Temperature Limit Tech Specs	11/13/80C	*	We are unaware of any outstanding issues pertaining to this topic.
M12542	B-41	Fire Protection - Final Tech Specs (Includes SER) (Miscellaneous Changes)	11/23/84C	*	We are unaware of any outstanding issues pertaining to this topic.
M12358	B-42	TMI Follow-Up - All Plants (TMI Related Activities - Bulletins & Orders)	06/15/81C	*	We are unaware of any outstanding issues pertaining to this topic.
M12059	B-43	PWR Feedwater Line Cracks	01/18/80C	-	Unable to locate close-out letter.

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M43128	B-43	PWR Feedwater Line Cracks Long-Term Corrective Action	05/25/82C	-	Unable to locate close-out letter.
M30029	B-44	Lessons Learned Implementation 2.1.7.B Control Grade Aux Feed Flow Indication	03/26/80C	9/83C	See NUREG 0737 Item II.E.1.2.2 (F17)
M30030	B-44	Lessons Learned Implementation 2.1.5 A,C Dedicated H2 Control Penetrations & Recombiner Procedure	03/26/80C	8/81C	See NUREG 0737 Item II.E.4.1 (F-18)
M30031	B-44	Lessons Learned Implementation - 2.1.1 Emer Power Supply PORV/Block Valve, per Heater & Level	03/26/80C	3/81C	NUREG 0737 Item II.E.3.1, Tech Spec Amendment 20.
M30032	B-44	Lessons Learned Implementation - 2.2.2 A,B,C Control Room Access, TSC, Operational Support Center	03/26/80C	3/80C	NUREG 0737 Items I.C.4 and III.A.1.2.
M30033	B-44	Lessons Learned Implementation - 2.2.1 A,B,C Shift Super. Resp., STA Turnover Procedures	03/26/80C	11/80C	See NUREG 0737 Items I.C.3, I.A.1.1 and I.A.1.3.
M30034	B-44	Lessons Learned Implementation - 2.1.8.C Improved Iodine Inst.	03/26/80C	1/85C	NUREG 0737 Items II.F.1.2 (F-21) and III.D.3.3 (F-69).
M30035	B-44	Lessons Learned Implementation - 2.1.8.B High Range Radiation Monitors	03/26/80C	1/85C	NUREG 0737 Item II.F.1.3 (F-22).
M30036	B-44	Lessons Learned Implementation - 2.1.8.A Post Accident Sampling	03/26/80C	10/85C	NUREG 0737 Item II.B.3 (F-12).
M30037	B-44	Lessons Learned Implementation - 2.1.6.B Shielding Review	03/26/80C	5/83C	NUREG 0737 Item II.B.2 (F-11).
M30038	B-44	Lessons Learned Implementation - 2.1.6.A System Integrity for High Radioactivity	03/26/80C	3/81C	NUREG 0737 Item III.D.1.1, license amendment.

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M30039	B-44	Lessons Learned Implementation - 2.1.4 Diverse Containment Isolation	03/26/80C	5/83C	NUREG 0737 Item II.F.4.2, Tech Spec Amendment 46.
M30040	B-44	Lessons Learned Implementation - 2.1.3.B Inst. for Core Cooling	03/26/80C	-	NUREG 0737 Item II.F.2 (F-26).
M30041	B-44	Lessons Learned Implementation - 2.1.3 A Direct Indication of Valve Position	03/26/80C	3/81C	NUREG 0737 Item II.D.3, Tech Spec Amendment 20.
M30042	B-44	Lessons Learned Implementation - 2.1.2 Relief & Safety Valve Testing	03/26/80C	5/85C	NUREG 0737 Item II.D.1 (F-14).
M12360	B-44	Lessons Learned Implementation Short Term	03/03/81C	*	We are unaware of any outstanding issues pertaining to this topic.
M12878	B-45	Wash 1400 Event V Primary Coolant System Pressure Isolation	04/20/81C	4/81C	
M42070	B-46	Analysis of Turbine Disc Cracks in GE Turbines	08/25/81C	8/81C	
M12723	B-47	ECCS Clad Swelling and Rupture	07/30/80C	*	We are unaware of any outstanding issues pertaining to this topic.
M47398	B-48	Adequacy of Station Electric Distribution Voltage	05/05/82C	5/82C	
M12254	B-52	Review of Safety Aspect of Inadvertent Safety Acti (Multiple Equipment Failures)	10/21/80C	10/80C	
M42107	B-57	DHR Capability Tech Specs	03/04/82C	3/82C	Tech Spec Amendment 29.
M42889	B-59	Masonry Wall Design - Response to IE Bulletin 80-11	08/03/82C	8/82C	

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M42496	B-60	Environmental Qualification of Safety Related Electrical Equipment (80-CLI-21)	11/27/84C	11/84C	
M42651	B-61	IE Bulletin 79-27, Loss of Non Class IE I&C Power Rev. & Eval. Responses	07/28/82C	7/82C	AP&L's final response.
M42721	B-62	ESF Reset Control Design Deficiency IE Bulletin 80-06	06/15/81C	81C	
M43887	B-63	Interim Procedures for Short-Term Blackout	12/11/81C	12/81C	
M47161	B-66	Natural Circulation Cooldown (GL 81-21)	03/27/84C	3/84C	
M46825	B-69	IEB 80-4 Mainsteam Line Break With Continued Feedwater Addition	07/28/82C	5/80C	Final information submitted for ANO-2.
M49723	B-72	NUREG 0737 Tech Specs (GL 82-16 or 83-02)	10/30/84C	10/84C	Last Tech Spec Amendment issued.
M52736	B-76	Item 1.1 - Post Trip Review Program Description and Procedures	08/07/85C	8/85C	
M52817	B-77	Item 2.1 - Equipment Classification & Vendor Interface - RTS Components	09/30/86	-	Under NRC review - additional information submitted 7/26/85.
M52898	B-78	Items 3.1.1 & 3.1.2 - Post Maintenance Testing Procedures/Vendor Recommendations - RTS	01/16/86C	1/86C	SER issued.
M52979	B-79	Item 3.1.3 - Post Maintenance Testing - Changes to Tech Spec - RTS Components	10/29/85C	10/85C	SER issued.
M53060	B-80	Item 4.1 - Reactor Trip System Reliability - Vendor Related Modifications	01/16/86C	1/86C	
M53113	B-81	Items 4.2.1 & 4.2.2 - Preventative Maint Prog for Reactor Trip Breakers - Maintenance	12/17/85C	12/85C	SER issued.

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M54515	B-83	Tech Specifications Covered by Generic Letters 83-36, 83-37 for NUREG 0737	01/31/85C	1/85C	
M53568	B-85	Salem ATWS 1.2 Post Trip Review - Data and Information Capability	09/30/86	-	AP&L response due unscheduled.
M53651	B-86	Salem ATWS 2.2 Equipment Classification and Vendor Interface - All SR Components	04/30/87	-	Under NRC review.
M53734	B-87	Salem ATWS 3.2.1 & 3.2.2 Post Maintenance Testing Procedures and Vendor Recommendations - All SR Components	06/30/86	-	Under NRC review.
M53817	B-88	Salem ATWS 3.2.3 T.S. Post Maintenance Testing S-R Components	10/29/85C	10/85C	SER issued.
M53900	B-89	Salem ATWS 4.2.3 & 4.2.4 Preventative Maint Program for RX Trip Breakers - Life Testing and Ref	10/15/86	-	Under NRC review.
M54044	B-92	Salem ATWS 4.5.1 Reactor System Functional Testing - Diverse Trip Features	01/31/87	-	Under NRC review.
M53961	B-93	Salem ATWS 4.5.2 & 4.5.3 Reactor Trip System Functional Testing - Alternatives and Test Interval	09/30/87	-	Under NRC review.
M12071	C-01	PWP Secondary Water Chemistry Monitoring Requirements	05/06/82C	5/82C	
M12066	C-06	Pump Support - Lamellar Tearing (Fracture Toughness)	05/25/82C	5/82C	
M12946	C-10	Control of Heavy Loads Over Spent Fuel Pool (Phase	10/11/84C	10/84C	
M43633	C-14	Auxiliary Feedwater Seismic Qualification	06/26/84C	6/84C	

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M52207	C-15	Control of Heavy Loads - Phase II (Follow-Up of MPA)	06/28/85C	6/85C	
M58044	C-16	Steam Generator Generic Review - Utility Responses to Staff Recommendations Concerning Steam Generators (GL 85-02)	01/22/86C	1/86C	
M12057	D-04	PWR Reactor Vessel Cavity Seal Ring Missile Potent	01/21/81C	1/81C	
M12067	D-10	Asymmetric LOCA Loads - PWR	04/12/82C	*	We are unaware of any outstanding issues pertaining to this topic.
M12075	D-11	Fuel Performance - Fission Gas Release	06/19/81C	6/81C	
M12298	D-15	High Energy Line Break & Consequential System Failure	12/01/80C	12/80C	
M42351	D-17	Std Tech Spec Definition of Operability	03/03/81C	3/81C	
M43024	D-17	Technical Specifications Defining Operability for Safety Systems	03/03/81C	3/81C	
M55837	D-19	Diesel Generator Reliability Tech Specs (GL 84-15)	01/09/85C	1/85C	
M12094	E-01	Spent Fuel Pool Expansions	02/02/81C	4/15C	Tech Spec Amendment 43.
M12078	E-03	Core Reloads Requiring Prior NRC Approval	07/21/81C	7/81C	Tech Spec Amendment 26.
M44001	F-01	NUREG 0737 I.A.1.1 Shift Technical Advisor Long-Term Requirements	02/05/82C	2/82C	
M44069	F-02	NUREG 0737 I.A.1.3 Shift Manning Overtime	06/30/83C	10/84C	Tech Spec issued limiting overtime.

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M44140	F-03	NUREG 0737 I.A.2.1 Upgrading of RO and SRO Training	12/01/82C	12/82C	
M44211	F-04	NUREG 0737 I.C.1.2/3.A Emergency Operating Procedures Generic (Inadequate Core)	06/07/84C	4/85C	EOP implemented.
M44281	F-05	I.C.1.2/3.B Procedures Generation Packages Review	09/30/86	12/84C	EOP Technical Guideline submitted to NRC.
M47194	F-06	I.C.5 Feedback of Operating Experience	11/12/81C	11/81C	
M47266	F-07	I.C.6 Correct Performance of Operating Activities	11/12/81C	11/81C	
M51140	F-08	I.D.1.1 Detailed Control Room Design Review Program	10/10/84C	11/83C	CRDR program plan submitted.
M51220	F-09	I.D.2 Safety Parameter Display System	10/30/86	5/85C	Declared fully operational.
M44352	F-10	NUREG 0737 II.B.1 RCS High Point Vents	09/06/83C	1/85C	Tech Spec Amendment 63 issued.
M47918	F-11	II.B.2 Plant Shielding Modifications	05/11/83C	5/83C	
M44420	F-12	NUREG 0737 II.B.3 Post Accident Sampling Modifications	08/22/84C	10/85C	Final SEP issued.
M44490	F-13	NUREG 0737 II.B.4 Training for Mitigating Core Damage	12/01/82C	10/85C	NRC closeout letter.
M44561	F-14	II.D.1 RV and SV Training	06/30/86	5/85C	AP&L's final submittal - NRC review ongoing.
M44660	F-15	NUREG 0737 II.E.1.1 AFW System Evaluation	11/18/83C	11/83C	
M44702	F-16	NUREG 0737 II.E.1.2.1 AFW Safety Grade System Auto Initiation	09/02/83C	9/83C	

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M44741	F-17	NUREG 0737 II.E.1.2.2 AFW System Safety Grade Flow Indication	04/12/83C	9/83C	NRC closeout letter.
M44758	F-18	NUREG 0737 II.E.4.1 Dedicated Hydrogen Penetration	08/26/81C	8/81C	
M44829	F-19	NUREG 0737 II.E.4.2 Containment Isolation Dependability	10/29/82C	3/85C	Tech Spec Amendment 64.
M44900	F-20	NUREG 0737 II.F.1.1 Noble Gas Monitor	02/03/82C	12/84C	RETS Tech Spec Amendment 60.
M44971	F-21	NUREG 0737 II.F.1.2 Iodine/Particulate Sampling	02/03/82C	1/85C	Tech Spec Amendment 63.
M45042	F-22	NUREG 0737 II.F.1.3 Containment High Range Monitor	01/21/82C	1/85C	Tech Spec Amendment 63.
M47579	F-23	NUREG 0737 II.F.1.4 Containment Pressure Instrument	06/06/83C	1/85C	Tech Spec Amendment 63.
M47650	F-24	NUREG 0737 II.F.1.5 Containment Water Level Monitor	06/06/83C	1/85C	Tech Spec Amendment 63.
M47721	F-25	NUREG 0737 II.F.1.6 Containment Hydrogen Monitor	06/06/83C	6/83C	
M45113	F-26	NUREG 0737 II.F.2 Instruments for Detection on Inadequate Core Cooling	07/30/87	-	10/86 Implementation letter to be submitted to NRC for review.
M46877	F-30	NUREG 0737 II.K.2.13 Thermal Mechanical Report	06/05/84C	6/84C	
M47791	F-33	NUREG 0737 II.K.2.17 Potential for Voiding in RCS	10/18/83C	10/83C	
M45259	F-36	NUREG 0737 II.K.3.1 Auto PORV Isolation	09/30/82C		N/A
M45305	F-37	NUREG 0737 II.K.3.2 Report on PORV Failures	09/30/82C		N/A

TAC #	MPA #	TITLE	LIC ACT COMPLETE	LICENSE STATUS	COMMENTS
M45322	F-38	NUREG 0737 II.K.3.3 Reporting SV and RV Failures and Challe	03/05/82C	3/82C	
M45426	F-39	NUREG 0737 II.K.3.5 Auto Trip of RCPs	02/08/83C	4/84	AP&L's final submittal.
M45608	F-47	NUREG 0737 II.K.3.17 ECCS System Outages	08/08/83C	8/83C	
M48442	F-53	NUREG 0737 II.K.3.25 Power on Pump Seals	10/07/85C	10/85C	
M45804	F-57	NUREG 0737 II.K.3.30 SB LOCA Methods	06/26/85C	6/85C	SER issued.
M48145	F-58	NUREG 0737 II.K.3.31 Compliance With 10 CFR 50.46	06/26/85C	6/85C	SER issued.
M45924	F-63	NUREG 0737 III.A.1.2 Technical Support Center	06/30/86	5/85C	SPDS complete, ERFs declared operational.
M45995	F-64	NUREG 0737 III.A.1.2 Operational Support Center	06/30/86	5/85C	SPDS complete, ERFs declared operational.
M46067	F-65	NUREG 0737 III.A.1.2 Emergency Operations Facility	06/30/86	5/85C	SPDS complete, ERFs declared operational.
M46139	F-66	NUREG 0737 III.A.1.2 Nuclear Data Link	07/30/82C	-	Not a requirement.
M46211	F-67	NUREG 0737 III.A.2.1 Emergency Plan Upgrade to Meet Rule	05/11/83C	12/79C	Revised EP submitted.
M46283	F-68	NUREG 0737 III.A.2.2 Meteorological Data Upgrade	06/30/86	-	No upgrade required.
M46354	F-69	NUREG 0737 III.D.3.3 Implant Radiation Monitoring	02/23/82C	2/82C	
M46425	F-70	NUREG 0737 III.D.3.4 Control Room Habitability	02/12/82C	2/82C	
M56101	F-71	NUREG 0737 I.D.1.2 Detailed Control Room Design Summary Report	08/30/86	5/86C	Summary report submitted.

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M49676	G-01	Reactor Coolant Pump Trip (D660 - II.K.3.5)	09/30/86		See F-39.