

April 30, 1986

Docket No. 50-331

Mr. Lee Liu
Chairman of the Board &
Chief Executive Officer
Iowa Electric Light & Power Company
P.O. Box 351
Cedar Rapids, Iowa 52406
~~Docket No. 50-331~~

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SNorris	HSmith
MThadani	SScott

Dear Mr. Liu:

The Comptroller General in a Report to the Congress dated September 19, 1984, stated "NRC needs better management controls to ensure implementation of generic issue solutions." To correct this situation, the Nuclear Regulatory Commission is working on a long-term program which will improve its documentation on the status of power reactor licensees' implementation of approved regulatory improvements.

To assist me in developing this information for Duane Arnold Energy Center, please review the enclosed plant-specific list, add omitted significant actions to the list, and provide the date that all aspects of each identified requirement were completed/implemented or are expected to be completed. For each requirement that has been completed, enter "completed" under the Status column and the date the item was completed. For requirements that have not been completed/implemented, provide the projected date and enter "projected" under the Status column. I do not expect or want a major effort made to obtain precise dates. Rather, I will accept readily-known or best-estimate dates for actions that have been completely implemented. For example, the year only would be acceptable for completions prior to 1984; the month as well as year is needed for requirements completed after that time. For projected completions/implementations in 1986, use month and year. Use year only for projections thereafter. Please provide a response in the form of a marked up listing by May 31, 1986.

In the future, NRR will need estimated dates prior to issuance of the safety evaluation so that the estimated schedule may be included in the evaluation.

This request is covered by OMB Clearance Number 3150-0011, which expires September 30, 1986.

Sincerely,

8605080610 860430
PDR ADDCK 05000331
P PDR

Mohan Thadani, Project Manager
BWR Project Directorate #2
Division of BWR Licensing

Enclosure:
As stated

DBL:PD#2
SNorris:rs
4/30/86

MQ
DBL:PD#2
MThadani
4/30/86

DBL:PD#2
DThadani
4/30/86

cc w/enclosure: See next page

Mr. Lee Liu
Iowa Electric Light and Power Company

Duane Arnold Energy Center

cc:

Jack Newman, Esquire
Kathleen H. Shea, Esquire
Newman and Holtzinger
1615 L Street, N. W.
Washington, D. C. 20036

Office for Planning and Programming
523 East 12th Street
Des Moines, Iowa 50319

Chairman, Linn County
Board of Supervisors
Cedar Rapids, Iowa 52406

Iowa Electric Light and Power Company
ATTN: D. L. Mineck
Post Office Box 351
Cedar Rapids, Iowa 52406

U. S. Nuclear Regulatory Commission
Resident Inspector's Office
Rural Route #1
Palo, Iowa 52324

Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Mr. Thomas Houvenagle
Regulatory Engineer
Iowa Commerce Commission
Lucas State Office Building
Des Moines, Iowa 50319

① THIS LIST HAS BETTER DESCRIPTION OF TITLES

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REGULATORY INFORMATION TRACKING SYSTEM

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FACILITY IMPLEMENTATION

04/14/86

② USE THE SECOND LIST TO MARKUP THE REQUESTED INFORMATION

FACILITY: DUANE ARNOLD

PLANT LOCATION: 8 MI NW OF CEDAR RAPIDS, IA
DOCKET NUMBER: 050-00331
ARCH/ENGINEER: BECH
IE INSPECTOR: J. WIEBE

LICENSED POWER: 1658 MWT
DESIGN POWER: 0538 MWE
NSSS VENDOR: GE

PROJECT MANAGER: M. THADANI
BRANCH CHIEF: D. MULLER
LIC. ASSISTANT: S. NORRIS

TAC NO.	MPA #	TITLE
M44017	F-01	DUANE ARNOLD - NUREG-0737 I.A.1.1 STA LONG TERM REQUIREMENTS
M07937	D-01	DUANE ARNOLD - MARK I CONTAINMENT LONG TERM PROGRAM IMPLEMENTATION
M07447	A-01	DUANE ARNOLD - ISI
M08311	A-01	DUANE ARNOLD - 10 CFR 50.55A(G) - INSERVICE INSPECTION - GENERIC
M07890	B-01	DUANE ARNOLD - DIESEL GENERATOR LOCKOUT
M08267	C-02	DUANE ARNOLD ATWS RECIRCULATION PUMP TRIP
M06533	B-02	DUANE ARNOLD - FIRE PROTECTION
M08142	A-02	DUANE ARNOLD - APPENDIX I TECH SPEC IMPLEMENTATION REVIEW
M44087	F-02	DUANE ARNOLD - NUREG-0737 I.A.1.3.1, SHIFT MANNING OVERTIME LIMITS
M07496	A-03	DUANE ARNOLD - REVIEW SECURITY PLAN (AMEND 50)
M44158	F-03	DUANE ARNOLD - NUREG-0737 I.A.2.1.4, UPGRADING OF RO AND SRO TRAINING
M44229	F-04	DUANE ARNOLD - NUREG-0737 I.C.1.2.A, INADEQUATE CORE COOLING GUIDELINES
M11035	A-04	DUANE ARNOLD - LEAK RATE TESTING
M43126	E-04	DUANE ARNOLD - SINGLE RECIRCULATION LOOP OPERATION
M06500	E-04	DUANE ARNOLD - SINGLE LOOP OPERATION
M08217	B-05	DUANE ARNOLD - STRESS CORROSION CRACKING - BWR RCSPB - GENERIC
M07916	A-05	DUANE ARNOLD - MARK I CONTAINMENT SHORT TERM PROGRAM IMPLEMENTATION (AMEND. 46)
M46660	B-05	DUANE ARNOLD - IMPLEMENTATION OF NUREG-0313, REV. 1
M44299	F-05	DUANE ARNOLD - PROCEDURES GENERATION PACKAGE REVIEW (NUREG 0737 SUPP/1)
M47212	F-06	DUANE ARNOLD - FEEDBACK OF OPERATING EXPERIENCE (AP I.C.5)

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TAC NO.	MPA #	TITLE	
M08192	B-06	DUANE ARNOLD - BWR SAFETY/RELIEF VALVE SURVEILLANCE - GENERIC	
M08563	A-06	DUANE ARNOLD- RESPIRATORY PROTECTION PROGRAM (AMEND 48)	
M07136	A-07	DUANE ARNOLD - APPENDIX G IMPLEMENTATION	
M47284	F-07	DUANE ARNOLD - CORRECT PERFORMANCE OF OPERATING	ACTIVITIES (API.C.6)
M51157	F-08	DUANE ARNOLD - I.D.1.1 - DETAILED CONTROL ROOM DESIGN	REVIEW PROGRAM PLAN F-08
M51237	F-09	DUANE ARNOLD - I.D.2. SAFETY PARAMETER DISPLAY SYSTEM	
M08177	A-09	DUANE ARNOLD - PRESSURE VESSEL BELTLINE MATERIAL SURVEILLANCE - GENERIC	
M11357	A-09	DUANE ARNOLD- REACTOR VESSEL BELTLINE MATERIAL	SURVEILLANCE
M10462	A-10	DUANE ARNOLD - CONTINGENCY PLAN REVIEW	
M07988	C-10	DUANE ARNOLD CONTROL OF HEAVY LOADS OVER SPENT FUEL POOL	(NUREG 0612)
M44370	F-10	DUANE ARNOLD - NUREG-0737 II.B.1, RCS HIGH POINT	VENTS
M47935	F-11	DUANE ARNOLD - PLANT SHIELDING MODIFICATIONS (II.B.2.2)	
M10454	A-11	DUANE ARNOLD - GUARD TRAINING PLAN REVIEW	
M10081	D-11	DUANE ARNOLD - ENHANCED FISSION PRODUCT RELEASE FOR HIGH BURNUP LWR FUEL	
M08940	C-11	DUANE ARNOLD - RPS POWER SUPPLY	
M10458	A-12	DUANE ARNOLD - VITAL AREA ANALYSIS	
M44438	F-12	DUANE ARNOLD - NUREG-0737 II.B.3.2, POST ACCIDENT	SAMPLING MODIFICATIONS
M44508	F-13	DUANE ARNOLD - NUREG-0737 II.B.4.1, TRAINING FOR	MITIGATING CORE
M44578	F-14	DUANE ARNOLD - RV AND SV TESTING	
M11323	A-14	DUANE ARNOLD - INSERVICE TESTING	
M12302	D-15	DUANE ARNOLD - HELB AND CONSEQUENTIAL SYSTEM FAILURE	DUANE ARNOLD
M41058	A-15	DUANE ARNOLD - DIESEL FUEL OIL-GENERIC	
M52225	C-15	DUANE ARNOLD - CONTROL OF HEAVY LOADS - PHASE II	(FOLLOWUP OF MPA#C-10)

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TAC NO.	MPA #	TITLE	
M47556	A-16	DUANE ARNOLD - QUALIFICATIONS: INSP, EXAM, TEST,	AUDIT PERSONNEL
M13264	D-16	DUANE ARNOLD - REVIEW OF CORPORATE CAPABILITIES	
M12169	B-16	DUANE ARNOLD - EMERGENCY PLAN REVIEW	
M43018	D-17	DUANE ARNOLD - TECHNICAL SPECIFICATIONS DEFINING	OPERABILITY FOR SAFETY SYSTEMS
M08724	B-17	DUANE ARNOLD - HYDRAULIC SNUBBERS	
M51087	A-17	DUANE ARNOLD - INSTRUMENTATION TO FOLLOW THE COURSE	OF AN ACCIDENT (RG 1.97)
M44776	F-18	DUANE ARNOLD - NUREG-0737 II.E.4.1.2, DEDICATED	HYDROGEN PENETRATIONS
M55708	A-18	DUANE ARNOLD - TECH. SPECS. AFFECTED BY 50.72 AND 50.73	(GL 83-43)
M55856	D-19	DUANE ARNOLD - DIESEL GENERATOR RELIABILITY TECH. SPECS.	(GL 84-15)
M55635	A-19	DAEC - HYDROGEN RECOMBINE CAPABILITY REVIEW	
M44847	F-19	DUANE ARNOLD - NUREG-0737 II.E.4.2, CONTAINMENT	ISOLATION DEPENDABILITY
M57154	D-20	DUANE ARNOLD - MARK I DRYWELL VACUUM BREAKERS LICENSEE	RESPONSE TO GENERIC LETTER 83-08
M59091	A-20	DUANE ARNOLD - 10CFR50.62 OPERATING REACTOR REVIEWS	
M44918	F-20	DUANE ARNOLD - NUREG-0737 II.F.1.1, NOBLE GAS	MONITOR
M10298	B-20	DUANE ARNOLD - CONTAINMENT LEAKAGE DUE TO SEAL DETERIORATION	
M10360	B-21	DUANE ARNOLD - LOSS OF 125-V DC BUS VOLTAGE WITH LOSS OF ANNUNCIATOR SYSTEM	
M44989	F-21	DUANE ARNOLD - NUREG-0737 II.F.1.2, IODINE/	PARTICULATE SAMPLING
M45060	F-22	DUANE ARNOLD - NUREG-0737 II.F.1.3, CONTAINMENT HIGH	RANGE MONITOR
M08723	B-22	DUANE ARNOLD - MECHANICAL SNUBBERS	
M12046	B-23	DUANE ARNOLD-POTENTIAL EQUIP FAILURE ASSOC WITH	DEGRADED GRID VOLTAGE
M47596	F-23	DUANE ARNOLD - NUREG 0737 ITEM II F1.4 - CONTAINMENT	PRESSURE INSTRUMENT
M48335	B-23	SALEM 2 - DEGRADED GRID VOLTAGE	
M47667	F-24	DUANE ARNOLD - NUREG 0737 ITEM II F1.5 CONTAINMENT	WATER LEVEL MONITOR

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TAC NO.	MPA #	TITLE	
M10180	B-24	DUANE ARNOLD - CONTAINMENT PURGE	
M42575	B-24	DUANE ARNOLD - LONG TERM REVIEW CONTAINMENT PURGE AND	VENT (B-24)
M08434	B-25	DUANE ARNOLD - BWR FEEDWATER & CONTROL ROD DRIVE NOZZLE CRACKING	
M47738	F-25	DUANE ARNOLD - NUREG 0737 ITEM II F1.6 CONTAINMENT	HYDROGEN MONITOR
M45131	F-26	DUANE ARNOLD - NUREG-0737 II.F.2.3, INADEQUATE CORE	COOLING INSTRUMENTATION
M10884	B-27	DUANE ARNOLD - OFFGAS EXPLOSION PREVENTION REVIEW (IE BUL. 78-03)	
M45340	F-38	DUANE ARNOLD - NUREG-0737 II.K.3.3, REPORT ON	RV/SV FAILURES
M43692	B-41	DUANE ARNOLD - ALTERNATIVE SHUTDOWN CAPABILITY	
M43498	B-41	DUANE ARNOLD - 50.48 AND 10 CFR 50 APPENDIX R FIRE	PROTECTION REQUIREMENTS
M11083	B-41	DUANE ARNOLD - FIRE PROTECTION SER SUPPLEMENT	
M11741	B-42	TMI FOLLOW-UP WORK	
M45541	F-43	DUANE ARNOLD - NUREG-0737 II.K.3.13, HPCI AND RCIC	INITIATION LEVELS
M30044	B-44	DUANE ARNOLD-2.1.5 A,C DEDICATED H2 CONTROL	PENETRATIONS & RECOMBINER PROCEDURE
M30046	B-44	DUANE ARNOLD-2.2.2 A,B,C CONTROL ROOM ACCESS, TSC,	OPERATIONAL SUPPORT CENTER
M30047	B-44	DUANE ARNOLD-2.2.1 A,B,C SHIFT SUPER. RESP.,	STA, TURNOVER PROCEDURES
M30048	B-44	DUANE ARNOLD-2.1.8.C IMPROVED IODINE INST.	
M30049	B-44	DUANE ARNOLD-2.1.8.B HIGH RANGE RADIATION	MONITORS
M30050	B-44	DUANE ARNOLD-2.1.8.A POST ACCIDENT SAMPLING	
M30051	B-44	DUANE ARNOLD-2.1.6.B SHIELDING REVIEW	
M12408	B-44	DUANE ARNOLD- LESSONS LEARNED IMPLEMENTATION	
M30052	B-44	DUANE ARNOLD-2.1.6.A SYSTEMS INTEGRITY FOR HIGH	RADIOACTIVITY
M30053	B-44	DUANE ARNOLD-2.1.4 DIVERSE CONTAINMENT ISOLATION	
M30054	B-44	DUANE ARNOLD-2.1.3.B INST. FOR CORE COOLING	

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TAC NO.	MPA #	TITLE	
M30055	B-44	DUANE ARNOLD-2.1.3 A DIRECT INDICATION OF VALVE	POSITION
M30056	B-44	DUANE ARNOLD-2.1.2 RELIEF & SAFETY VALVE TESTING	
M12898	B-45	DUANE ARNOLD- PRIMARY COOLANT SYSTEM PRESSURE	ISOLATION VALVES
M45569	F-45	DUANE ARNOLD - NUREG-0737 II.K.3.15, ISOLATION OF	HPCI AND RCIC MODIFICATION
M45593	F-46	DUANE ARNOLD - NUREG-0737 II.K.3.16, CHALLENGES AND	FAILURES OF RELIEF VALVES
M41063	B-46	DUANE ARNOLD - TURBINE CRACKING (GE)	
M45626	F-47	DUANE ARNOLD - NUREG-0737 II.K.3.17, ECC SYSTEM	OUTAGES
M45689	F-48	DUANE ARNOLD - NUREG-0737 II.K.3.18, ADS ACTUATION	STUDY
M12859	B-48	DUANE ARNOLD - ADEQUACY OF STATION ELECTRIC	DISTRIBUTION SYSTEMS VOLTAGES
M45713	F-49	DUANE ARNOLD - NUREG-0737 II.K.3.19, INTERLOCK RECIRC	PUMP MODIFICATION
M45737	F-50	DUANE ARNOLD - NUREG-0737 II.K.3.21, RESTART OF CSS	AND LPCI
M47855	F-51	DUANE ARNOLD - NUREG - 0737 II.K.3.3.22B, RCIC SUCTION	MODIFICATIONS
M46722	F-52	DUANE ARNOLD - NUREG 0737 ADEQUACY OF SPACE	COOLING FOR HPCI AND RCIC (AP II.K.3.24)
M45761	F-53	DUANE ARNOLD - NUREG-0737 II.K.3.25, POWER ON PUMP	SEALS
M45785	F-54	DUANE ARNOLD - NUREG-0737 II.K.3.27, COMMON REFERENCE	LEVEL
M48268	F-55	DUANE ARNOLD - NUREG 0737 II.K.3.28, VERIFY QUALIFICATION	OF ACCUMULATORS ON ADS VALVES
M45823	F-57	DUANE ARNOLD - NUREG-0737 II.K.3.30, SB LOCA	OUTLINE
M48162	F-58	DUANE ARNOLD -NUREG 0737 II.K.3.31 COMPLIANCE WITH	10 CFR 50.46
M42222	B-58	DUANE ARNOLD - BWR SCRAM DISCHARGE VOLUME CAPABILITY	
M42258	B-58	DUANE ARNOLD - SCRAM DISCHARGE VOL TECH SPECS	
M42880	B-59	DUANE ARNOLD - MASONRY WALL DESIGN. RESPONSE TO IE	BULLETIN 80-11
M45885	F-59	DUANE ARNOLD - NUREG-0737 II.K.3.44, TRANSIENTS WITH	SINGLE FAILURES
M42488	B-60	DUANE ARNOLD - ENVIRONMENTAL QUALIFICATION OF SAFETY	RELATED ELECTRICAL EQUIPMENT (80-CLI-21)

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TAC NO.	MPA #	TITLE	
M45909	F-60	DUANE ARNOLD - NUREG-0737 II.K.3.45, MANUAL	DEPRESSURIZATION
M42669	B-61	DUANE ARNOLD - IE BULLETIN 79-27, LOSS OF NON CLASS IE	INST & CONTR. POWER. REV. & EVAL. RESPONSES
M42739	B-62	DUANE ARNOLD - ESF RESET CONTROL DESIGN DEFICIENCY - I&E	BULLETIN 80-06
M43556	B-63	DUANE ARNOLD - EMERGENCY PROCEDURES AND TRAINING FOR	STATION BLACKOUT EVENTS
M45942	F-63	DUANE ARNOLD - NUREG-0737 III.A.1.2, TECHNICAL	SUPPORT CENTER
M46013	F-64	DUANE ARNOLD - NUREG-0737 III.A.1.2, OPERATIONAL	SUPPORT CENTER
M46085	F-65	DUANE ARNOLD - NUREG-0737 III.A.1.2, EMERGENCY	OPERATIONS FACILITY
M43730	B-65	DUANE ARNOLD - SAFETY CONCERNS ASSOCIATED WITH PIPE	BREAKS IN THE BWR SCRAM SYSTEM
M46157	F-66	DUANE ARNOLD - III.A.2 NUCLEAR DATA LINK	DATA
M46229	F-67	DUANE ARNOLD - III.A.2.1 EMERGENCY PLAN UPGRADE	TO MEET RULE
M46301	F-68	DUANE ARNOLD - NUREG-0737 III.A.2.2, METEOROLOGICAL	DATA UPGRADE
M46372	F-69	DUANE ARNOLD - NUREG-0737 III.D.3.3, INPLANT	RADIATION MONITORING
M46443	F-70	DUANE ARNOLD - NUREG-0737 III.D.3.4, CONTROL ROOM	HABITABILITY
M46605	B-70	DUANE ARNOLD - MONITORING OF FATIGUE TRANSIENT LIMITS	FOR THE REACTOR COOLANT SYSTEM
M56120	F-71	DUANE ARNOLD - I.D.1.2 DETAILED CONTROL ROOM DESIGN	REVIEW SUMMARY REPORT - F-71
M51677	B-72	DUANE ARNOLD NUREG 0737 TECH SPECS	
M52754	B-76	DUANE ARNOLD - ITEM 1.1 - POST TRIP REVIEW PROGRAM	DESCRIPTION AND PROCEDURES
M52835	B-77	DUANE ARNOLD - ITEM 2.1 - EQUIPMENT CLASSIFICATION AND	VENDOR INTERFACE - RTS COMPONENTS
M52916	B-78	DUANE ARNOLD - ITEMS 3.1.1 & 3.1.2 - POST MAINTENANCE	TESTING PROCEDURES/VENDOR RECOMMENDATIONS - RTS COMPONE
M52997	B-79	DUANE ARNOLD-ITEM 3.1.3 -POST-MAINT TESTING-CHANGES TO	TECH SPECS-RTS COMPONENTS
M55598	B-84	DUANE ARNOLD - INSPECTION OF BWR STAINLESS STEEL PIPING	ACCORDING TO GENERIC LETTER 84-11
M53586	B-85	DUANE ARNOLD - ITEM 1.2 - POST TRIP REVIEW-DATA AND	INFORMATION CAPABILITY
M53669	B-86	DUANE ARNOLD - ITEM 2.2 - EQUIPMENT CLASSIFICATION AND	VENDOR INTERFACE - ALL SR COMPONENTS

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<u>TAC NO.</u>	<u>MPA #</u>	<u>TITLE</u>	
M53752	B-87	DUANE ARNOLD- ITEMS 3.2.1 & 3.2.2 - POST-MAINT TESTING	PROCEDURES AND VENDOR RECOMMENDATIONS - ALL SR COMPONENTS
M53835	B-88	DUANE ARNOLD - ITEM 3.2.3 - POST-MAINTENANCE TESTING	-CHANGES TO TECH. SPEC. - ALL SR COMPONENTS
M54062	B-92	DUANE ARNOLD - ITEM 4.5.1 - REACTOR SYSTEM FUNCTIONAL	TESTING - DIVERSE TRIP FEATURES
M53979	B-93	DUANE ARNOLD - ITEMS 4.5.2 & 4.5.3 - REACTOR TRIP SYSTEM	FUNCTIONAL TESTING - ALTERNATIVES & TEST INTERVALS

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FACILITY IMPLEMENTATION

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FACILITY: DUANE ARNOLD

PLANT LOCATION: 8 MI NW OF CEDAR RAPIDS, IA
DOCKET NUMBER: 050-00331
ARCH/ENGINEER: BECH
IE INSPECTOR: J. WIEBELICENSED POWER: 1658 MWT
DESIGN POWER: 0538 MWE
NSSS VENDOR: GEPROJECT MANAGER: M. THADANI
BRANCH CHIEF: D. MULLER
LIC. ASSISTANT: S. NORRIS

TAC NO.	MPA #	TITLE	LIC ACT COMPLETE	LICENSEE STATUS	DATE
M07447	A-01	10 CFR 50.55 A(G) - ISI	07/05/79C		
M08311	A-01	10 CFR 50.55 A(G) - ISI	01/01/70C		
M08142	A-02	APPENDIX I - ALARA	01/14/85C		
M07496	A-03	SECURITY REVIEWS-MODIFIED AMENDMENT PLANS	04/19/79C		
M11035	A-04	APPENDIX J - CONTAINMENT LEAK TESTING	01/17/84C		
M07916	A-05	GE MARK I CONTAINMENT TECH SPECS-SHORT TERM	10/16/78C		
M08563	A-06	RESPIRATORY PROTECTION SYSTEM	01/12/79C		
M07136	A-07	APPENDIX G - FRACTURE TOUGHNESS	02/15/80C		
M08177	A-09	PRESSURE VESSEL BELTLINE MATERIAL SURVEILLANCE	02/15/80C		
M11357	A-09	PRESSURE VESSEL BELTLINE MATERIAL SURVEILLANCE	01/01/70C		
M10462	A-10	CONTINGENCY PLANNING	03/03/81C		
M10454	A-11	GUARD TRAINING PLANS	06/08/82C		
M10458	A-12	VITAL AREA ANALYSIS	06/26/81C		
M11323	A-14	10CFR 50.55 A(G) - INSERVICE TESTING	09/26/83C		
M41058	A-15	QUALITY ASSURANCE REQUEST REGARDING DIESEL GENERATOR	01/19/81C		
M47556	A-16	QUALIFICATIONS OF EXAMINATION, INSPECTION, TESTING	06/22/82C		
M51087	A-17	INSTRUMENTATION TO FOLLOW THE COURSE OF AN ACCIDENT	05/15/86		
M55708	A-18	TECH SPECS AFFECTED BY 50.72 AND 50.73 (GL 83-43)	08/24/84C		
M55635	A-19	RECOMBINER CAPABILITY BWR MARK I	07/30/86		
M59091	A-20	10 CFR 50.62 OPERATING REACTOR REVIEWS	N/S /		

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DUANE ARNOLD

(CONTINUATION)

TAC NO.	MPA #	TITLE	LIC ACT COMPLETE	LICENSEE STATUS	DATE
M07890	B-01	DIESEL GENERATOR LOCKOUT	06/03/80C		
M06533	B-02	FIRE PROTECTION	06/02/78C		
M08217	B-05	STRESS CORROSION CRACKING - BWR RCSPB	10/01/79C		
M46660	B-05	STRESS CORROSION CRACKING - BWR RCSPB	06/15/84C		
M08192	B-06	BWR RELIEF VALVE	07/27/79C		
M12169	B-16	EMERGENCY PLANNING AND REVISIONS	04/01/81C		
M08724	B-17	TECH SPEC SURVEILLANCE FOR HYDRAULIC SNUBBERS	03/06/81C		
M10298	B-20	CONTAINMENT LEAKAGE DUE TO SEAL DETERIORATION	11/14/80C		
M10360	B-21	LOSS OF 125-V DC BUS VOLTAGE WITH LOSS OF ANNUNCIA	02/28/82C		
M08723	B-22	TECH SPEC SURVEILLANCE REQUIREMENTS FOR MECHANICAL	03/06/81C		
M48335	B-23	DEGRADED GRID VOLTAGE	11/05/81C		
M12046	B-23	DEGRADED GRID VOLTAGE	04/11/80C		
M42575	B-24	VENTING AND PURGING CONTAINMENTS WHILE AT FULL POW	03/29/84C		
M10180	B-24	VENTING AND PURGING CONTAINMENTS WHILE AT FULL POW	09/03/80C		
M08434	B-25	BWR FEEDWATER NOZZLE CRACKING	12/08/81C		
M10884	B-27	REVIEW RESPONSES TO IE BULLETIN 78-03 (OFFGAS EXPL	07/27/79C		
M43498	B-41	FIRE PROTECTION - FINAL TECH SPECS (INCLUDES SER S	01/06/83C		
M11083	B-41	FIRE PROTECTION - FINAL TECH SPECS (INCLUDES SER S	04/27/83C		
M43692	B-41	FIRE PROTECTION - FINAL TECH SPECS (INCLUDES SER S	02/24/82C		
M11741	B-42	TMI FOLLOW UP - ALL PLANTS	12/21/79C		
M12408	B-44	LESSONS LEARNED IMPLEMENTATION	03/17/80C		
M30044	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30046	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		

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TAC NO.	MPA #	TITLE	LIC ACT COMPLETE	LICENSEE STATUS	DATE
M30047	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30048	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30049	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30050	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30051	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30052	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30053	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30054	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30055	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M30056	B-44	LESSONS LEARNED IMPLEMENTATION	03/26/80C		
M12898	B-45	WASH 1400 EVENT V, "PRIMARY COOLANT SYSTEM PRESSUR	08/08/80C		
M41063	B-46	ANALYSIS OF TURBINE DISC CRACKS	08/19/81C		
M12859	B-48	ADEQUACY OF STATION ELECTRIC DISTRIBUTION VOLTAGE	12/31/81C		
M42258	B-58	SDV CAPABILITY	04/12/82C		
M42222	B-58	SDV CAPABILITY	01/09/81C		
M42880	B-59	MASONRY WALL DESIGN	05/30/86		
M42488	B-60	ENVIRONMENTAL QUALIFICATION	01/10/85C		
M42669	B-61	LOSS OF NON CLASS IE I&C POWER	07/28/82C		
M42739	B-62	ESF RESET CONTROL DESIGN DEFICIENCY	05/13/81C		
M43556	B-63	INTERIM PROCEDURES FOR SHORT TERM BLACKOUT	10/30/81C		
M43730	B-65	SAFETY CONCERNS ASSOCIATED WITH PIPE BREAKS IN BWR	12/31/85C		
M46605	B-70	FATIGUE TRANSIENT LIMIT TS	05/25/82C		
M51677	B-72	NUREG 0737 TECH SPECS (GENERIC LETTER 82-16)	02/27/84C		

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M52754	B-76	ITEM 1.1 - POST TRIP REVIEW; PROGRAM DESCRIPTION &	05/06/85C		
M52835	B-77	ITEM 2.1 - EQUIPMENT CLASSIFICATION & VENDOR INTER	06/30/86		
M52916	B-78	ITEMS 3.1.1 & 3.1.2 -POST MAINTENANCE TEST PROCEDU	08/06/85C		
M52997	B-79	ITEM 3.1.3 - POST MAINTENANCE TESTING - CHANGES TO	07/16/85C		
M55598	B-84	INSPECTIONS OF BWR STAINLESS STEEL PIPING ACCORDIN	07/09/85C		
M53586	B-85	SALEM ATWS 1.2 DATA CAPABILITY	06/30/86		
M53669	B-86	SALEM ATWS 2.2 S-R COMPONENTS	06/30/86		
M53752	B-87	SALEM ATWS 3.2.1 & 3.2.2 S-R COMPONENTS	11/01/86		
M53835	B-88	SALEM ATWS 3.2.3 T.S. S-R COMPONENTS	07/16/85C		
M54062	B-92	SALEM ATWS 4.5.1 DIVERSE TRIP FEATURES	08/06/85C		
M53979	B-93	SALEM ATWS 4.5.2 & 4.5.3 TEST ALTERNATIVES	07/30/86		
M08267	C-02	BWR-RECIRC. PUMP TRIP (ATWS)	08/20/79C		
M07988	C-10	CONTROL OF HEAVY LOADS OVER SPENT FUEL POOL (PHASE	06/12/84C		
M08940	C-11	RPS POWER SUPPLY	05/19/82C		
M52225	C-15	CONTROL OF HEAVY LOADS - PHASE II (FOLLOWUP OF MPA	06/28/85C		
M07937	D-01	GE MARK I CONTAINMENT EVALUATION - LONG TERM	09/11/85C		
M10081	D-11	FISSION GAS RELEASE	03/10/80C		
M12302	D-15	HIGH ENERGY LINE BREAK & CONSEQUENTIAL SYSTEM FAIL	02/02/84C		
M13264	D-16	REVIEW OF CORPORATE MANAGEMENT CAPABILITY	02/22/82C		
M43018	D-17	DEFINITION OF OPERABLE	06/21/82C		
M55856	D-19	DIESEL GENERATOR RELIABILITY TECH SPECS (GL 84-15)	09/06/85C		
M57154	D-20	MARK I DRYWELL VACUUM BREAKERS - LICENSEE RESPONSE	06/30/86		
M43126	E-04	BWR SINGLE LOOP OPERATION	12/18/81C		

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M06500	E-04	BWR SINGLE LOOP OPERATION	01/16/81C		
M44017	F-01	I.A.1.1 SHIFT TECHNICAL ADVISOR	03/31/82C		
M44087	F-02	I.A.1.3 SHIFT MANNING	06/30/83C		
M44158	F-03	I.A.2.1 UPGRADING OF RO AND SRO TRAINING	11/23/82C		
M44229	F-04	I.C.1.2/3.A EMERGENCY OPERATING PROCEDURES GENERIC	03/25/85C		
M44299	F-05	I.C.1.2/3.B PROCEDURES GENERATION PACKAGES (NUREG	06/15/86		
M47212	F-06	I.C.5 FEEDBACK OF OPERATING EXPERIENCE	11/04/81C		
M47284	F-07	I.C.6 CORRECT PERFORMANCE OF OPERATING ACTIVITI	11/04/81C		
M51157	F-08	I.D.1.1 DETAILED CONTROL ROOM DESIGN REVIEW PROGRA	02/25/85C		
M51237	F-09	I.D.2 SAFETY PARAMETER DISPLAY SYSTEM	05/08/84C		
M44370	F-10	II.B.1 RCS HIGH POINT VENTS	12/07/82C		
M47935	F-11	II.B.2 PLANT SHIELDING	08/02/83C		
M44438	F-12	II.B.3 POST ACCIDENT SAMPLING	06/11/85C		
M44508	F-13	II.B.4 TRAINING FOR MITIGATING CORE DAMAGE	11/23/82C		
M44578	F-14	II.D.1 RV AND SV TRAINING	11/04/83C		
M44776	F-18	II.E.4.1 DEDICATED HYDROGEN PENETRATION	09/01/81C		
M44847	F-19	II.E.4.2 CONTAINMENT ISOLATION DEPENDABILITY	10/01/84C		
M44918	F-20	II.F.1.1 NOBLE GAS MONITOR	12/08/81C		
M44989	F-21	II.F.1.2 IODINE/PARTICULATE SAMPLING	12/08/81C		
M45060	F-22	II.F.1.3 CONTAINMENT HIGH RANGE MONITOR	01/08/82C		
M47596	F-23	II.F.1.4 CONTAINMENT PRESSURE INSTRUMENT	06/27/83C		
M47667	F-24	II.F.1.5 CONTAINMENT WATER LEVEL INSTRUMENT	06/27/83C		
M47738	F-25	II.F.1.6 CONTAINMENT HYDROGEN MONITOR	06/27/83C		

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M45131	F-26	II.F.2 INSTRUMENTS FOR DETECTION ON INADEQUATE	04/15/86		
M45340	F-38	II.K.3.3 REPORTING SV AND RV FAILURES AND CHALLE	03/31/82C		
M45541	F-43	II.K.3.13 HPCI AND RCIC INITIATION LEVELS	06/17/83C		
M45569	F-45	II.K.3.15 ISOLATION OF HCPI AND RCIC MODIFICATION	07/28/82C		
M45593	F-46	II.K.3.16 CHALLENGES AND FAILURES OF RELIEF VALVE	11/13/84C		
M45626	F-47	II.K.3.17 ECCS OUTAGES	09/02/83C		
M45689	F-48	II.K.3.18 ADS ACTUATION	06/06/84C		
M45713	F-49	II.K.3.19 INTERLOCK RECIRCULATION PUMP MODIFICATI	07/23/81C		
M45737	F-50	II.K.3.21 RESTART OF CSS AND LPCI	10/26/82C		
M47855	F-51	II.K.3.22 RCIC SUCTION	01/13/84C		
M46722	F-52	II.K.3.24 SPACE COOLING FOR HPCI/RCIC MODIFICATIO	06/30/82C		
M45761	F-53	II.K.3.25 POWER ON PUMP SEALS	12/01/82C		
M45785	F-54	II.K.3.27 COMMON REFERENCE LEVEL	04/15/82C		
M48268	F-55	II.K.3.28 QUALIFICATION OF ADS ACCUMULATORS	04/11/84C		
M45823	F-57	II.K.3.30 SB LOCA METHODS	12/29/83C		
M48162	F-58	II.K.3.31 COMPLIANCE WITH 10 CFR 50.46	12/29/83C		
M45885	F-59	II.K.3.44 ANTICIPATED TRANSIENTS WITH SINGLE FAIL	12/15/81C		
M45909	F-60	II.K.3.45 MANUAL DEPRESSURIZATION	05/18/83C		
M45942	F-63	III.A.1.2 TECHNICAL SUPPORT CENTER	09/15/86		
M46013	F-64	III.A.1.2 OPERATIONAL SUPPORT CENTER	09/15/86		
M46085	F-65	III.A.1.2 EMERGENCY OPERATIONS FACILITY	09/15/86		
M46157	F-66	III.A.1.2 NUCLEAR DATA LINK	07/30/82C		
M46229	F-67	III.A.2.1 EMERGENCY PLAN UPGRADE TO MEET RULE	05/18/83C		

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M46301	F-68	III.A.2.2 METEOROLOGICAL DATA UPGRADE	09/15/86		
M46372	F-69	III.D.3.3 IMPLANT RADIATION MONITORING	04/08/82C		
M46443	F-70	III.D.3.4 CONTROL ROOM HABITABILITY	04/19/82C		
M56120	F-71	I.D.1.2 DETAILED CONTROL ROOM REVIEW (FOLLOWUP TO	06/30/87		