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Your ref:
Our ref. DCP/NRC1544

January 22, 2003

SUBJECT: Transmittal of Westinghouse Document, "Operational Assessment for AP1000,"
WCAP-15800, Rev. 1, Non-Proprietary, dated December 2002

Attached please find Revision 1 of WCAP-15800, "Operational Assessment for AP1000," dated December 2002. This report has been revised consistent with our responses to the following NRC Requests for Additional Information (RAI):

RAI 210.068
RAI 210.069

These RAI responses were transmitted to the NRC staff with Westinghouse letter DCP/NRC1528 dated October 18, 2002.

Please contact me at 412-374-5355 if you have any questions concerning this submittal.

Very truly yours,

A handwritten signature in black ink, appearing to read "M. M. Corletti".

M. M. Corletti
Passive Plant Projects & Development
AP600 & AP1000 Projects

/Attachment

1. WCAP-15800, "Operational Assessment for AP1000," dated December 2002

2063

DCP/NRC1544

January 22, 2003

bcc: C. B. Brinkman* - Westinghouse, Rockville, MD
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J. W. Winters - Westinghouse, Pittsburgh, PA, EC E3-08

* with attachment

DCP/NRC1544

January 22, 2003

Attachment 1

WCAP-15800, Rev. 0

“Operational Assessment for AP1000”

dated December 2002

Westinghouse Non-Proprietary Class 3

WCAP-15800
Revision 1

December 2002

Operational Assessment for AP1000



AP1000 DOCUMENT COVER SHEET

TDC: _____ Permanent File: _____ S _____
 RFS#: _____ RFS ITEM #: _____

AP1000 DOCUMENT NO. APP-GW-GLR-001	REVISION NO. 1	Page 1 of 155	ASSIGNED TO W-J. W. Winters
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ALTERNATE DOCUMENT NUMBER: WCAP-15800, Revision 1 WORK BREAKDOWN #: GW

ORIGINATING ORGANIZATION: Westinghouse Electric Company LLC

TITLE: **Operational Assessment for AP1000**

ATTACHMENTS:	DCP #/REV. INCORPORATED IN THIS DOCUMENT REVISION: Class 3 changes to reflect RAI responses
CALCULATION/ANALYSIS REFERENCE: N/A	

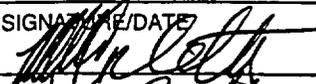
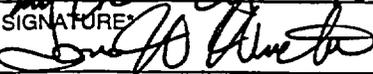
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REVIEWERS	SIGNATURE/DATE	
INDEPENDENT VERIFIER 	SIGNATURE/DATE  12/31/02	VERIFICATION METHOD
AP1000 RESPONSIBLE MANAGER J. W. Winters	SIGNATURE 	APPROVAL DATE 12/31/02

*Approval of the responsible manager signifies that document is complete, all required reviews are complete, electronic file is attached and document is released for use.

WESTINGHOUSE NON-PROPRIETARY CLASS 3

WCAP-15800
Revision 1

Operational Assessment
for AP1000

D. A. Lindgren

December 2002

AP1000 Document: APP-GW-GLR-001

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1 INTRODUCTION

The NRC Commissioners have requested in their SRMs dated July 31, 1989, February 15, 1991 and March 5, 1991, that new plant designs provide a discussion of how operational experience has been incorporated into the design process. This report addresses the manner in which operational experience has been incorporated into the design of the AP1000.

PROCESS

I.E. Bulletins, Generic Letters, Circulars, Information Notices and Regulatory Information Summaries for the time period January 1, 1980 to January 31, 2002 and were reviewed to determine applicability to the AP1000 design certification.

The dispositions of individual documents can be broken down into the following categories:

- Not Applicable to the AP1000 design. For example:
 - BWR only
 - B&W facilities only
 - Not applicable to commercial reactors

- Not Applicable to the design certification due to other reasons. For example:
 - Procurement issue – These issues are determined not to be applicable to the design certification phase.
 - Administrative communications – These documents provide administrative information, for example, scheduling of meetings, forwarding other documents, etc.
 - Procedural issue – These items are concerned with either lack of proper procedures or failure to comply with procedures.
 - Plant specific/isolated event – These issues are concluded to be isolated events at specific plants, with no generic conclusions or impacts.
 - Maintenance/Surveillance issues – These issues are concluded to be related to maintenance or surveillance of a system or component.

Bulletins and Generic Letters identified as Procurement, Procedural, or Maintenance/Surveillance Issues will be reviewed and addressed by the Combined License Applicant.

- Applicable to the AP1000 design certification, in which case, the proper Design Control Document (DCD) Section reference is given.

2 I. E. BULLETINS

I. E. BULLETIN		
Number	Title	Comment
80-01	Operability of AD Valve Pneumatic Supply (1/80)	AP1000 AD does not rely upon pneumatic operators
80-02	Inadequate Quality Assurance for Nuclear Supplied Equipment (1/80)	Not Applicable BWR only
80-03	Loss of Charcoal From Standard Type II, 2 Inch, Tray Absorber Cells (2/80)	Not Applicable Procurement issue
80-04	Analysis of a PAR Main Steam Line Break With Continued Feedwater Addition (3/80)	DCD Section 15.1.5, 6.2
80-05	Vacuum Condition Resulting in Damage to Chemical Volume Control System (CVCS) Holdup Tanks (3/80)	DCD Section 3.2.2.3-3.2.2.6
80-06	Engineered Safety Feature (ESF) Reset Controls (3/80)	DCD Section 7.3.1.1 Part of COL Verification/Procedural issue DCD Section 13.5, Chapter 14
80-07	BWR Jet Pump Assembly Failure (4/80)	Not Applicable BWR only
80-07 S1	BWR Jet Pump Assembly Failure (5/80)	Not Applicable BWR only
80-08	Examination of Containment Liner Penetration Welds (4/80)	Not Applicable AP1000 has no containment liner
80-09	Hydrometer Actuator Deficiencies (4/80)	Not Applicable Procurement issue
80-10	Contamination of Nonradioactive System and Resulting Potential for Unmonitored, Uncontrolled Release of Radioactivity to Environment (5/80)	Not Applicable Part of COL Surveillance issue
80-11	Masonry Wall Design (5/80)	Not Applicable AP1000 has no safety-related masonry walls
80-12	Decay Heat Removal Operability (5/80)	DCD Section 7.4.1
80-13	Cracking in Core Spray Spargers (5/80)	Not Applicable BWR only
80-14	Degradation of BWR Scram Discharge Volume Capability (6/80)	Not Applicable BWR only
80-15	Possible Loss of Emergency Notification System (ENS) with Loss of Offsite Power (6/80)	Not Applicable Part of COL

I. E. BULLETIN		
Number	Title	Comment
80-16	Potential Misapplication of Rosemount Inc. Models 1151 and 1152 Pressure Transmitters with Either "A" or "D" Output Codes (6/80)	Not Applicable Procurement/Maintenance issue
80-17	Failure of 76 to 185 Control Rods to Fully Insert During a Scram at a BWR (7/80)	Not Applicable BWR only
80-17 S1	Failure of 76 to 185 Control Rods to Fully Insert During a Scram at a BWR (7/80)	Not Applicable BWR only
80-17 S2	Failure of 76 to 185 Control Rods to Fully Insert During a Scram at a BWR (7/80)	Not Applicable BWR only
80-17 S3	Failure of 76 to 185 Control Rods to Fully Insert During a Scram at a BWR (8/80)	Not Applicable BWR only
80-17 S4	Failure of 76 to 185 Control Rods to Fully Insert During a Scram at a BWR (12/80)	Not Applicable BWR only
80-17 S5	Failure of 76 to 185 Control Rods to Fully Insert During a Scram at a BWR (2/81)	Not Applicable BWR only
80-18	Maintenance of Adequate Minimum Flow Through Centrifugal Charging Pump Following Secondary Side High Energy Line Rupture (7/80)	Not Applicable AP1000 has no safety-related charging pumps
80-19	Failures of Mercury-Wetted Relays in Reactor Protective Systems of Operating Nuclear Power Plants Designed by Combustion Engineering (7/80)	Not Applicable Procurement issue
80-19 S1	Failures of Mercury-Wetted Relays in Reactor Protective Systems of Operating Nuclear Power Plants Designed by Combustion Engineering (7/80)	Not Applicable Procurement issue
80-20	Failures of Westinghouse Type W-2 Spring Return to Neutral Control Switches (7/80)	Not Applicable Procurement issue
80-21	Valve Yokes Supplied by Malcolm Foundry Company, Inc. (11/80)	Not Applicable Procurement issue
80-22	Automation Industries, Model 200-520-008 Sealed-Source Connectors (9/80)	Not applicable to commercial nuclear power plants
80-23	Failures of Solenoid Valve Manufactured by Valcor Engineering Corporation (11/80)	Not Applicable Procurement issue
80-24	Prevention of Damage Due to Water Leakage Inside Containment (11/80)	DCD Section 3.4.1.2
80-25	Operating Problems with Target Rock Safety - Relief Valves at BWRs (12/80)	Not Applicable BWR only
81-01	Failure of Mechanical Snubbers (1/82)	Inservice Inspections in accordance with ASME Section XI DCD 3.9.3.4.3

I. E. BULLETIN		
Number	Title	Comment
81-01 R1	Surveillance of Mechanical Snubbers	Inservice Inspections in accordance with ASME Section XI DCD 3.9.3.4.3
81-02	Failure of Gate Type Valves to Close Against Differential Pressure (4/81)	Procurement and surveillance issue DCD Subsections 3.9.6.2, 5.4.8.1.2, and 5.4.8.2
81-02 S1	Failure of Gate Type Valves to Close Against Differential Pressure	Not Applicable Procurement issue
81-03	Flow Blockage of Cooling Water to Safety System Components by Corbicula SP. and Mytilus SP. (4/81)	Not Applicable AP1000 doesn't depend on site water intake structures for safety-related heat removal Not safety-related
82-01	Alteration of Radiographs of Welds in Piping Subassemblies (3/82)	Not Applicable Administrative communication
82-01 R1	Alteration of Radiographs of Welds in Piping Subassemblies (5/82)	Not Applicable Administrative communication
82-01 S1	Alteration of Radiographs of Welds in Piping Subassemblies (8/82)	Not Applicable Administrative communication
82-02	Degradation of Threaded Fasteners in Reactor Coolant Pressure Boundary of PAR Plants (6/82)	Not Applicable DCD Section 5.2.3.5
82-03	Stress Corrosion Cracking in Thick-Wall, Large Diameter, Stainless Steel, Recirculation System Piping at BWR Plants (10/82)	Not Applicable BWR only
82-03 R1	Stress Corrosion Cracking in Thick-Wall, Large Diameter, Stainless Steel, Recirculation System Piping at BWR Plants (10/82)	Not Applicable BWR only
82-04	Deficiencies in Primary Containment Electrical Penetration Assemblies (12/80)	Not Applicable Procurement issue
83-01	Failure of Reactor Trip Breakers (Westinghouse DB-50) to Open on Automatic Trip Signal (2/83)	Not Applicable Maintenance issue
83-02	Stress Corrosion Cracking in Thick-Wall, Large Diameter, Stainless Steel, Recirculation System Piping at BWR Plants (3/83)	Not Applicable BWR only
83-03	Check Valve Failures in Raw Water Cooling Systems of Diesel Generators (3/83)	Not Applicable Diesel Generators have no safety-related functions
83-04	Failure of the Under-Voltage Trip Function of Reactor Trip Breakers (3/83)	Not Applicable Procurement issue

I. E. BULLETIN		
Number	Title	Comment
83-05	ASME Nuclear Code Pumps and Spare Parts Manufactured by the Hayward Tyler Pump Company (5/83)	Not Applicable Procurement issue
83-06	Nonconforming materials Supplied by Tube-Line Corporation Facilities at Long Island City, New York; Houston, Texas; and Carol Stream, Illinois (7/83)	Not Applicable Procurement issue
83-07	Apparently Fraudulent Products Sold by Ray Miller, Inc. (7/83)	Not Applicable Procurement issue
83-07 S1	Apparently Fraudulent Products Sold by Ray Miller, Inc. (10/83)	Not Applicable Procurement issue
83-07 S2	Apparently Fraudulent Products Sold by Ray Miller, Inc. (12/83)	Not Applicable Procurement issue
83-08	Electrical Circuit Breakers with an Undervoltage Trip Feature in Use in Safety-Related Applications Other Than the Reactor Trip System (12/83)	Not Applicable Maintenance issue
84-01	Cracks in Boiling Water Reactor Mark I Containment Vent Headers (2/84)	Not Applicable BWR only
84-02	Failures of General Electric Type HFA Relays in Use in Class 1E Safety Systems (3/84)	Not Applicable Procurement issue
84-03	Refueling Cavity Water Seal (8/84)	Not Applicable DCD Section 1.2.1.2.1
85-01	Steam Binding of Auxiliary Feedwater Pumps (10/85)	Not Applicable AP1000 has no safety-related AFW or similar safety-related system
85-02	Undervoltage Trip Attachments of Westinghouse DB-50 Type Reactor Trip Breakers (11/85)	Not Applicable Surveillance issue DCD Section 7.1.2.2.4, Chapter 16, Section 3.3.1.6
85-03	Motor-Operated Valve Common Mode Failures During Plant Transients Due to Improper Switch Settings (11/85)	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2 See Generic Letter 89-10
85-03 S1	Motor-Operated Valve Common Mode Failures During Plant Transients Due to Improper Switch Settings (4/88)	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2 See Generic Letter 89-10
86-01	Minimum Flow Logic Problems that Could Disable RHR Pumps (5/86)	Not Applicable AP1000 has no valves in the miniflow lines for the RHR. RHR pumps have no safety-related function.

I. E. BULLETIN		
Number	Title	Comment
86-02	Static "O" Ring Differential Pressure Switches (7/86)	Not Applicable Procurement issue
86-03	Potential Failure of Multiple ECCS Pumps Due to Single Failure of Air-Operated Valve in Minimum Flow Recirculation Line (10/86)	Not Applicable AP1000 has no valves in miniflow lines
86-04	Defective Teletherapy Timer That May Not Terminate Treatment Dose (10/86)	Not applicable to commercial power plants
87-01	Thinning of Pipe Walls in Nuclear Power Plants (7/87)	Not Applicable Surveillance issue DCD Sections 5.4.3.4, 10.3.6
87-02	Fastener Testing to Determine Conformance with Applicable Material Specifications (11/87)	Not Applicable Procurement issue
87-02 S1	Fastener Testing to Determine Conformance with Applicable Material Specifications	Not Applicable Procurement issue
87-02 S2	Fastener Testing to Determine Conformance with Applicable Material Specifications	Not Applicable Procurement issue
88-01	Defects in Westinghouse Circuit Breakers (2/88)	Not Applicable Procurement issue
88-02	Rapidly Propagating Fatigue Cracks In Steam Generator Tubes (2/88)	Not Applicable AP1000 has stainless steel support plates
88-03	Inadequate Latch Engagement in HFA Type Latching Relays Manufactured by General Electric Company (3/88)	Not Applicable Procurement issue
88-04	Potential Safety-Related Pump Loss (5/88)	Not Applicable AP1000 has no safety-related pumps
88-05	Nonconforming Materials Supplied By Piping Supplies, Inc., at Folsom, NJ and West Jersey Manufacturing Company at Williamstown, New Jersey (5/88)	Not Applicable Procurement issue
88-05 S1	Nonconforming Materials Supplied By Piping Supplies, Inc., at Folsom, NJ and West Jersey Manufacturing Company at Williamstown, New Jersey (6/88)	Not Applicable Procurement issue
88-05 S2	Nonconforming Materials Supplied By Piping Supplies, Inc., at Folsom, NJ and West Jersey Manufacturing Company at Williamstown, New Jersey (8/88)	Not Applicable Procurement issue
88-06	Action To Be Taken For the Transportation of Model No. Spec. 2-T Radiographic Exposure Device (6/88)	Not applicable to commercial power plants

I. E. BULLETIN		
Number	Title	Comment
88-07	Power Oscillations in Boiling Water Reactors (BWRs) (6/88)	Not Applicable BWR only
88-07 S1	Power Oscillations in Boiling Water Reactors (BWRs) (12/88)	Not Applicable BWR only
88-08	Thermal Stresses in Piping Connected to Reactor Coolant Systems (6/88)	DCD Section 3.9.3.1.2
88-08 S1	Thermal Stresses in Piping Connected to Reactor Coolant Systems (6/88)	DCD Section 3.9.3.1.2
88-08 S2	Thermal Stresses in Piping Connected to Reactor Coolant Systems (8/88)	DCD Section 3.9.3.1.2
88-08 S3	Thermal Stresses in Piping Connected to Reactor Coolant Systems	DCD Section 3.9.3.1.2
88-09	Thimble Tube Thinning In Westinghouse Reactors (7/88)	Not Applicable AP1000 does not have this design DCD Section 4.2.2.2.3
88-10	Nonconforming Molded-Case Circuit Breakers (11/88)	Not Applicable Procurement issue
88-10 S1	Nonconforming Molded-Case Circuit Breakers	Not Applicable Procurement issue
88-11	Pressurizer Surge Line Thermal Stratification (12/88)	DCD Section 3.9.3.1.2
89-01	Failure of Westinghouse Steam Generator Tube Mechanical Plugs (5/89)	Not Applicable Procurement issue
89-01 S2	Failure of Westinghouse Steam Generator Tube Mechanical Plugs (6/91)	Not Applicable Procurement issue
89-01 S1	Failure of Westinghouse Steam Generator Tube Mechanical Plugs (9/91)	Not Applicable Procurement issue
89-02	Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valves or Valve of Similar Design (7/89)	Not Applicable Procurement issue
89-03	Potential Loss of Required Shutdown Margin During Refueling Operations (11/89)	Not Applicable Procedural issue DCD Section 13.5.1, 4.3.1.5
90-01	Loss of Fill Oil in Transmitters Manufactured By Rosemount (3/90)	Not Applicable Procurement issue
90-01 S1	Loss of Fill-Oil in Transmitters Manufactured by Rosemount	Not Applicable Procurement issue

I. E. BULLETIN		
Number	Title	Comment
90-02	Loss of Thermal Margin Caused By Channel Box Bow (3/90)	Not Applicable BWR only
91-01	Reporting Loss of Criticality Safety Controls (10/91)	Not applicable to commercial nuclear power plants
91-01 S1	Reporting Loss of Criticality Safety Controls	Not applicable to commercial nuclear power plants
92-01	Failure of Thermo-Lag 330 Fire Barrier System .. Cabling in Wide Cable Trays & Small Conduits Free from Fire Damage	Not Applicable Procurement issue
92-01 S1	Failure of Thermo-Lag 330 Fire Barrier System to Perform its Specified Fire Endurance Function	Not Applicable Procurement issue
92-02	Safety Concerns Related to "End of Life" of Aging Theratronics Teletherapy Units	Not Applicable Procurement issue
92-03	Release of Patients After Brachytherapy	Not Applicable to commercial nuclear plants
93-01	Release of Patients After Brachytherapy Treatment with Remote Afterloading Devices	Not Applicable to commercial nuclear plants
93-02	Debris Plugging of Emergency Core Cooling Suction Strainers	Not Applicable Procedural issue DCD Subsections 1.9.4.2.2 – Issue A-43 and 6.3.2.2.7
93-02 S1	Debris Plugging of Emergency Core Cooling Suction Strainers	Not Applicable BWR only
93-03	Resolution of Issues Related to Reactor Vessel Water Level Instrumentation in BWRs	Not Applicable BWR only
94-01	Potential Fuel Pool Draindown Caused by Inadequate Maintenance Practices at Dresden Unit 1	Not Applicable Plant specific
94-02	Corrosion Problems in Certain Stainless Steel Packaging Used to Transport Uranium Hexafluoride	Not Applicable Procurement issue
95-01	Quality Assurance Program For Transportation of Radioactive Material	Not Applicable Procurement issue
95-02	Unexpected Clogging of a Residual Heat Removal (RHR) Pump Strainer While Operating in Suppression Pool Cooling Mode	Procedural issue DCD Subsection 6.3.8.1
96-01	Control Rod Insertion Problems	Not Applicable Procurement issue
96-02	Movement of Heavy Loads Over Spent Fuel in the Reactor Core, or Over Safety-Related Equipment	USI A36 DCD Section 1.9.4.2.2 Procedural issue

I. E. BULLETIN		
Number	Title	Comment
96-03	Potential Plugging of Emergency Core Cooling Suction Strainers by Debris in Boiling-Water Reactors	Procedural issue DCD Subsections 1.9.4.2.2 - Issue A-43, 6.3.2.2.7, and 6.3.8.1
96-04	Chemical, Galvanic, or Other Reactions in Spent Fuel Storage and Transportation Casks	Not applicable Procedural issue
97-01	Potential for Erroneous Calibration, Dose Rate, or Radiation Exposure Measurements with Certain Victoreen Model 530 and 530SI Electrometer/Dosimeters	Not applicable Procurement issue
97-02	Puncture Testing of Shipping Packages under 10 CFR Part 71	Not applicable to commercial nuclear power plants.
01-01	Circumferential Cracking Of Reactor Pressure Vessel Head Penetration Nozzles	DCD section 5.2.3

3 GENERIC LETTERS

GENERIC LETTERS		
Number	Title	Comment
80-001	NUREG-0630, "Cladding, Swelling and Rupture Models for LOCA Analysis" (1/80)	LOCA Evaluation Models WCAP-12945
80-002	Quality Assurance Requirements Regarding Diesel Generator Fuel Oil (1/80)	Not Applicable AP1000 does not have safety-related Diesel Generators DCD Section 8.3.1
80-003	BWR Control Rod Failures (1/80)	Not Applicable BWR only
80-004	IEB 80-01 Operability of AD Valve Pneumatic Supply (1/80)	Not Applicable AP1000 AD does not rely upon pneumatic operators See Bulletin 80-01
80-005	IEB 79-01B Environmental Qualification of Class 1E Equipment	Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-006	Issuance of NUREG-0313, Rev. 1, "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping"	Not Applicable BWR only
80-007	Information Regarding the Program for Environmental Qualification of Safety-Related Electrical Equipment (1/80)	Not issued
80-008	IEB 80-02 Inadequate Quality Assurance for Nuclear Supplied Equipment (1/80)	Not Applicable BWR only
80-009	Low Level Radioactive Waste Disposal (1/80)	DCD Section 11.4
80-010	Issuance of NUREG-0588, "Interim Staff Position on Environmental Qualification of Safety-Related Electrical Equipment"	Backfit EQ design issue DCD Sections 3.11, 1.9
80-011	IEB 80-03 Loss of Charcoal from Standard Type II, 2 Inch, Tray Absorber Cells (2/80)	Not Applicable Procurement issue See Bulletin 80-03
80-012	IEB 80-04 Analysis of a PAR Main Steam Line Break with Continued Feedwater Addition (2/80)	DCD Section 15.1.5, 6.2 See Bulletin 80-04
80-013	Qualification of Safety-Related Electrical Equipment (2/80)	Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-014	LWR Primary Coolant System Pressure Isolation Valves (2/80)	USI-B-63 DCD Section 1.9.4.2.2
80-015	Request for Additional Management and Technical Resources Information (2/80)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
80-016	IEB 79-01B Environmental Qualification of Class 1E Equipment (2/80)	Per NRC letter 9/21/95 this issue is not relevant to the design review of AP1000. Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-017	Modifications to BWR Control Rod Drive Systems (3/80)	Not Applicable BWR only
80-018	Crystal River 3 Reactor Trip from Approximately 100% Full Power (3/80)	Not Applicable B&W facilities only
80-019	Resolution of Enhanced Fission Gas Release Concern (3/80)	No Action Required
80-020	Action Required from OL Applicants of NSSS Designs by W and CE Resulting from NRC B&O Task Force Review of TMI-2 Accident (3/80)	Not Applicable AP1000 does not require a safety-grade AFW system
80-021	IEB 80-05 Vacuum Condition Resulting in Damage to Chemical Volume Control System Holdup Tanks (3/80)	DCD Section 3.2.2.3 - 3.2.2.6 See Bulletin 80-05
80-022	Transmittal of NUREG-0654 "Criteria for Preparation and Evaluation of Radiological Emergency Response Team	Not Applicable Part of COL DCD Section 13.3
80-023	Change of Submittal Date for Evaluation Time Estimates (3/80)	Not Applicable Administrative communication
80-024	NRC Nuclear Data Link (3/80)	Not Applicable Administrative communication
80-025	IEB 80-06 Engineering Safety Features (ESF) Reset Controls (3/80)	DCD Section 7.3.1.1 See Bulletin 80-06
80-026	Qualifications of Reactor Operators (3/80)	Not Applicable Part of COL
80-027	IEB 80-07 BWR Jet Pump Assembly Failure (4/80)	Not Applicable BWR only
80-028	IEB 80-08 Examination of Containment Liner Penetration Welds (4/80)	Not Applicable AP1000 has no containment liner DCD Section 3.9.6.2 See Bulletin 80-08
80-029	Modifications to BWR Control Rod Drive Systems (4/80)	Not Applicable BWR only
80-030	Clarification of the Term "Operable" as it applies to Single Failure Criterion for Safety Systems Required by TS (4/80)	Definition found in DCD Section 16.1

GENERIC LETTERS		
Number	Title	Comment
80-031	IEB 80-09 Hydramotor Actuator Deficiencies (4/80)	Not Applicable Procurement issue See Bulletin 80-09
80-032	Information Request on Category I Masonry Walls Employed by Plants under CP and OL review (4/80)	Not Applicable AP1000 has no safety-related masonry walls
80-033	Actions Required from OL applicants of B&W Designed NSSS Resulting from NRC B&O Task Force Review of TMI-2 Accident (4/80)	Not Applicable B&W facilities only
80-034	Clarification of NRC Requirements for Emergency Response Facilities at Each Site (4/80)	DCD Section 18.11.2
80-035	Effect of a DC Power Supply Failure on ECCS Performance (4/80)	DCD Section 8.3.2, Table 8.3.2.7
80-036	IEB 80-10 Containment of a Non-Radioactive System and Resulting Potential for Unmonitored, Uncontrolled Release to Environment (5/80)	Not Applicable Surveillance issue See Bulletin 80-10
80-037	Five additional TMI-2 Related Requirements to Operating Reactors (5/80)	DCD Section 1.9.3
80-038	Summary of Certain Non-power Reactor Physical Protection Requirements (5/80)	Not applicable to commercial nuclear power plants
80-039	IEB 80-11 Masonry Wall Design (5/80)	Not Applicable AP1000 has no safety-related masonry walls See Bulletin 80-11
80-040	Transmittal of NUREG-0645 and NUREG-0626 (5/80)	Not Applicable GE facilities only
80-041	Summary of Meetings Held on April 22-23, 1980 with Representatives of the Mark I Owners Group (5/80)	Not Applicable Mark I Containment facilities only
80-042	IEB 80-12 Decay Heat Removal System Operability (5/80)	DCD Section 7.4.1 See Bulletin 80-12
80-043	IEB 80-13 Cracking in Core Spray Spargers (5/80)	Not Applicable BWR only
80-044	Reorganization of Functions and Assignments Within ONRR/SSPB (5/80)	Not applicable to commercial nuclear power plants
80-045	Fire Protection Rule (5/80)	DCD Section 9.5.1
80-046	Generic Technical Activity A-12 Fracture Toughness (5/80)	USI A-12 DCD Section 1.9.4.2.2

GENERIC LETTERS		
Number	Title	Comment
80-047	Additional Guidance on "Potential for Low Fracture Toughness and Laminar Testing on PAR Steam Generator and Reactor Coolant Pump Supports" NUREG-0577 (5/80)	USI A-12 DCD Section 1.9.4.2.2
80-048	Revision to 05/19/80 Letter on Fire Protection (5/80)	DCD Section 9.5.1 Generic Letter 80-45
80-049	Nuclear Safeguards Problems (6/80)	Not Applicable Administrative communication
80-050	Generic Activity A-10 BWR Cracks (6/80)	Not Applicable BWR only
80-051	Temporary On-Site Storage of Low-Level Radioactive Waste (6/80)	Not Applicable Part of COL
80-052	Five Additional TMI-2 Related Requirements - Errata Sheets to 5/7/80 Letter (6/80)	Not Applicable Administrative communication
80-053	Decay Heat Removal Capability (6/80)	DCD Chapter 16 TS 3.5
80-054	IEB 80-14 Degradation of Scram Discharge Volume Capability (6/80)	Not Applicable BWR only
80-055	IEB 80-15 Possible Loss of Hotline with Loss of Offsite Power (6/80)	Not Applicable Part of COL See Bulletin 80-15
80-056	NRC Memorandum and Order on Equipment Qualification (6/80)	DCD Sections 3.11, Appendix 3D
80-057	Further Commission Guidance for Power Reactor Operating Licenses NUREG-0660 and NUREG-0694 (6/80)	DCD Section 1.9.3
80-058	IEB 80-16 Potential Misapplication of Rosemount 1151/1152 Pressure Transmitters with "A" or "D" Output Codes (6/80)	Not Applicable Procurement/Maintenance issue See Bulletin 80-16
80-059	Transmittal of Federal Register Notice RE Regional Meetings to Discuss Environmental Qualification of Electrical Equipment (6/80)	Not Applicable Administrative communication
80-060	Request for Information Regarding Evacuation Times (7/80)	Not Applicable Administrative communication
80-061	TMI-2 Lessons Learned (7/80)	DCD Section 1.9.3
80-062	TMI-2 Lessons Learned (7/80)	Not Applicable BWR only
80-063	IEB 80-17 Failure of Control Rod to Insert During a Scram at a BWR (7/80)	Not Applicable BWR only See Bulletin 80-17

GENERIC LETTERS		
Number	Title	Comment
80-064	Scram Discharge Volume Design (7/80)	Not Applicable BWR only
80-065	Request for Estimated Construction Completion and Fuel Load Schedules (7/80)	Not Applicable Administrative communication
80-066	IEB 80-17 Supplement 1 Failure of Control Rods to Insert During a Scram at a BWR (7/80)	Not Applicable BWR only
80-067	Scram Discharge Volume (7/80)	Not Applicable BWR only
80-068	IEB 80-17 Supplement 2 Failures Revealed by Testing Subsequent to Failure of Control Rods to Insert During a Scram at a BWR (7/80)	Not Applicable BWR only
80-069	IEB 80-18 Maintenance of Adequate Minimum Flow Through Centrifugal Charging Pumps Following Secondary Side HELB (7/80)	See Bulletin 80-18
80-070	IEB 80-19 Failure of Mercury Wetted Matrix Relays in RPS of Operating Nuclear Power Plants Designed by GE (7/80)	Not Applicable Procurement issue See Bulletin 80-19
80-071	IEB 80-20 Failures of Westinghouse Type W-2 Spring Return to Neutral Control Switches (7/80)	Not Applicable Procurement issue See Bulletin 80-20
80-072	Interim Criteria for Shift Staffing (7/80)	DCD Sections 1.9.3, 18.7
80-073	Functional Criteria for Emergency Response Facilities NUREG-0696 (8/80)	Not Applicable Administrative communication
80-074	Notice of Forthcoming Meeting with the Representatives of EPRI to Discuss Program for Resolution of USI A-12 Fracture Toughness (8/1/80)	Not Applicable Administrative communication
80-075	Lesson Learned Tech Specs (8/80)	Not Applicable Administrative communication
80-076	Notice of Forthcoming Meeting with GE to Discuss Proposed BWR Feedwater Nozzle Leakage Detection System (8/80)	Not Applicable BWR only
80-077	Refueling Water Level (8/80)	Not Applicable DCD Section 13.5.1, 13.5.2 Part of COL
80-078	Mark I Containment Long Term Program (8/80)	Not Applicable BWR only
80-079	IEB 80-17 Supplement 3 Failure Revealed by Testing Subsequent to Failure of Control Rods to Insert During a Scram at a BWR (8/80)	Not Applicable BWR only

GENERIC LETTERS		
Number	Title	Comment
80-080	Preliminary Clarification of TMI Action Plan Requirements (9/80)	DCD Section 1.9.3
80-081	Preliminary Clarification of the TMI Action Plan Requirements Addendum to 9/5/80 Letter (9/80)	DCD Section 1.9.3
80-082	IEB 79-01B Supplement 2 Environmental Qualification of Class 1E Equipment (9/80)	Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-083	Environmental Qualification of Safety-Related Equipment (10/80)	Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-084	BWR Scram System (10/80)	Not Applicable BWR only
80-085	Implementation of Guidance from USI A-12 "Potential for Low Fracture Toughness and Lamellar Tearing on Component Supports (10/80)	USI A-12 DCD Section 1.9.4.2.2
80-086	Notice of Meeting to Discuss Final Resolution of USI A-12 (10/80)	Not Applicable Administrative communication
80-087	Notice of Meeting to Discuss Status of EPRI Proposed Resolution of the USI A-12 Fracture Toughness Issue (10/80)	Not Applicable Administrative communication
80-088	Seismic Qualification of Auxiliary Feedwater Systems (10/80)	Not Applicable AP1000 startup feedwater subsystem does not require seismic qualification, the safety-related portion in the containment and auxiliary building is seismically qualified. DCD Section 10.4.9
80-089	IEB 79-01B Supplement 3 Environment Qualification of Class 1E Equipment (10/80)	Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-090	Post-TMI Requirements, NUREG-0737 (10/80)	DCD Section 1.9.3
80-091	ODYN Code Calculation (11/80)	Not Applicable BWR only
80-092	IEB 80-21 Valve Yokes Supplied By Malcolm Foundry Company, Inc. (11/80)	Not Applicable Procurement issue
80-093	Emergency Preparedness (11/80)	Not applicable to commercial nuclear power plants
80-094	Emergency Plan (11/80)	Not Applicable Part of COL
80-095	Generic Activity A-10 (11/80)	Not Applicable BWR only
80-096	Fire Protection (11/80)	DCD Section 9.5.1

GENERIC LETTERS		
Number	Title	Comment
80-097	IEB 80-23 Failures of Solenoid Valves Manufactured by Valcor Engineering Corp. (11/80)	Not Applicable Procurement issue
80-098	IEB 80-24 Prevention of Damage Due to Water Leakage Inside Containment (11/80)	DCD Section 3.4.1.2 See Bulletin 80-24
80-099	Technical Specification Revisions for Snubber Surveillance (11/80)	Not Applicable DCD Section 5.2.4 Part of COL
80-100	Appendix R to 10 CFR Part 50 Regarding Fire Protection Federal Register Notice (11/80)	DCD Section 9.5.1
80-101	Inservice Inspection Programs (11/80)	Not Applicable Administrative communication
80-102	NRC Memorandum and Order of May 23, 1980 (11/80)	Backfit EQ design issue DCD Sections 3.11, 1.9.4
80-103	Fire Protection - Revised Federal Register Notice (11/80)	Not Applicable Administrative communication
80-104	Orders on Environmental Qualification of Safety-Related Electrical Equipment (11/80)	Not Applicable Administrative communication
80-105	Implementation of Guidance for USI A-12 Potential for Low Fracture Toughness and Lamellar Tearing on Component Supports (11/80)	USI A-12 DCD Section 1.9.4.2.2
80-106	Report on ECCS Cladding Models, NUREG-0630 (11/80)	Not Applicable Administrative communication
80-107	BWR Scram Discharge System (12/80)	Not Applicable BWR only
80-108	Emergency Planning (12/80)	Not Applicable Part of COL
80-109	Guidelines for SEP and Soil Structure Interaction Reviews (12/80)	AP1000 has been designed for a hard rock site. DCD Section 3.7.2
80-110	Periodic Updating of FSARs (12/80)	Not Applicable Administrative communication
80-111	IEB 80-17 Supplement 4 Failure of Control Rods to Insert During a Scram at a BWR (12/80)	Not Applicable BWR only
80-112	IEB 80-25 Operating Problems with Target Rock Safety Relief Valves (12/80)	Procurement issue not design issue
80-113	Control of Heavy Loads (12/80)	USI A-36 DCD Section 1.9.4.2.2

GENERIC LETTERS		
Number	Title	Comment
81-01	Qualification of Inspection, Examination, and Testing of Audit Personnel (5/81)	Not Applicable Regulatory Guide 1.58 was withdrawn DCD Section 1.9.1, Table 1.9.1
81-02	Analysis, Conclusions, and Recommendations Concerning Operator Licensing (1/81)	Not Applicable Part of COL
81-03	Implementation of NUREG-0313, Rev. 1, "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping (Generic Task A-42) (2/81)	Not Applicable BWR only
81-04	Emergency Procedures and Training for Station Blackout Events (2/81)	USI A-44 DCD Section 1.9.4.2.2
81-05	Information Regarding the Program for Environmental Qualification of Safety-Related Electrical Equipment (1/81)	USI A-24 AP1000 EQ DCD Sections 3.11, 1.9.4
81-06	Periodic Updating of Final Safety Analysis Reports (FSARs) (2/81)	Not Applicable Administrative communication
81-07	Control of Heavy Loads (2/81)	USI A-36 DCD Section 1.9.4.2.2
81-08	ODYN Code (1/81)	Not Applicable GE BWR only
81-09	BWR Scram Discharge System (1/81)	Not Applicable BWR only
81-10	Post-TMI Requirements for the Emergency Operations Facility (2/81)	Not Applicable DCD Chapter 18 Part of COL
81-11	NUREG-0619, "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking" (Corrections) (2/81)	Not Applicable BWR only
81-12	Fire Protection Rule (2/81)	DCD Section 9.5.1
81-13	SER for GEXL Correlation for 8 X 8 R Fuel Reload Application per the Appendix D Submittal of the General Electric Topical Report, NEDE-24011-P-A, dated 2/28/79 and 12/14/79 (5/81)	Not Applicable BWR only
81-14	Seismic Qualification of Auxiliary Feedwater Systems (2/81)	Not Applicable AP1000 startup feedwater subsystem does not require seismic qualification, the safety-related portion in the containment and auxiliary building is seismically qualified. DCD Section 10.4.9

GENERIC LETTERS		
Number	Title	Comment
81-15	Environmental Qualification of Class 1E Electrical Equipment; Clarification of Staff Handling of Proprietary Information (3/81)	Not Applicable Administrative communication
81-16	NUREG-0737, Item I.C.I, Abnormal Transient Operator Guidelines (ATOG) (6/81)	Not Applicable B&W facilities only
81-17	Functional Criteria for Emergency Response Facilities (3/81)	DCD Chapter 18
81-18	BWR Scram Discharge System; Clarification of Diverse Instrumentation Requirements (3/81)	Not Applicable BWR only
81-19	Thermal Shock to Reactor Pressure Vessels (4/81)	USI A-49 DCD Section 1.9.4.2
81-20	Safety Concerns Associated with Pipe Breaks in the BWR Scram System (4/81)	Not Applicable BWR only
81-21	Natural Circulation Cooldown (5/81)	See Emergency Response Guidelines
81-22	Engineering Evaluation of the H. B. Robinson Reactor Coolant System Leak on January 29, 1981 (5/81)	Not Applicable No action defined
81-23	Institute of Nuclear Power Operations (INPO) Evaluation Reports (6/81)	Not Applicable Administrative communication
81-23A	Institute of Nuclear Power Operations (INPO) Evaluation Reports (7/81)	Not Applicable Administrative communication
81-24	Multi-Plant Issue B-56 Control Rods Fail to Fully Insert (6/81)	Not Applicable GE BWR only
81-25	Change in Implementing Schedule for Submission and Evaluation of Upgraded Emergency Plans (6/81)	Not Applicable Administrative communication
81-26	Licensing Requirements for Pending Construction Permit and Manufacturing License Application (7/81)	DCD Section 1.9
81-27	Privacy and Proprietary Material in Emergency Plans (7/81)	Not Applicable Administrative communication
81-28	Steam Generator Overfill (7/81)	USI A-47 DCD Section 1.9.4.2.2
81-29	Simulator Examinations (8/81)	Not Applicable Administrative communication
81-30	Safety Concerns Associated with Pipe Breaks in the BWR Scram System (7/81)	Not Applicable BWR only
81-31	Small Break LOCA Confirmatory Integral Systems Experiments for B&W Designed Plants (no date)	Not issued

GENERIC LETTERS		
Number	Title	Comment
81-32	NUREG-0737, Item II.K.3.44 - Evaluation of Anticipated Transients Combined with Single Failure (8/81)	Not Applicable BWR only
81-33	Technical Specification for Station Batteries Multiple Action (no date)	Not issued
81-34	Safety Concerns Associated with Pipe Breaks in the BWR Scram System (8/81)	Not Applicable BWR only
81-35	Safety Concerns Associated with Pipe Breaks in the BWR Scram System (8/81)	Not Applicable BWR only
81-36	Revised Schedule for Completion of TMI Action Plan Item II.D.1 Relief and Safety Valve Testing (9/81)	Not Applicable Administrative communication
81-37	ODYN Code Reanalysis Requirements (no date)	Not Applicable BWR Only
81-38	Storage of Low-Level Radioactive Waste at Power Reactor Sites (11/81)	Storage implementation and waste handling is responsibility of combined license applicant
81-39	NRC Volume Reduction Policy (11/81)	DCD Section 11.4
81-40	Qualification of Reactor Operators - License Examinations	Not Applicable Part of COL
82-01	New Application Survey (1/82)	Not Applicable Administrative communication
82-02	Nuclear Power Plant Staff Working Hours (2/82)	Not Applicable Part of COL
82-03	High Burnup MAPLHGR Limits (3/82)	Not Applicable GE BWR only
82-04	Use of Institute of Power Operations (INPO) SEE-IN Program (no date)	Not Applicable Part of COL TMI action plan item I.C.5/ procedural issue DCD Section 1.9.3(3)(i), 13.5
82-05	Post-TMI Requirements (3/82)	Not Applicable Administrative communication
82-06	RTD Response Time Determination (no date)	Not issued
82-07	Transmittal of NUREG-0909 Relative to Ginna Tube Rupture (4/82)	Not Applicable BWR transmittal only
82-08	Transmittal of NUREG-0909 Relative to Ginna Tube Rupture (4/82)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
82-09	Environmental Qualification of Safety-Related Electrical Equipment 94/82)	AP1000 Equipment Qualification DCD Sections 1.9, 3.11
82-10	Post-TMI Requirements (5/80)	Not Applicable Administrative communication
82-11	Transmittal of NUREG-0916 Relative to the Restart of R. E. Ginna Nuclear Power Plant (6/82)	Not Applicable Administrative communication
82-12	Nuclear Power Plant Staff Working Hours (6/82)	Not Applicable Part of COL
82-13	Reactor Operator and Senior Reactor Operator Examinations (6/82)	Not Applicable Part of COL
82-14	Submittal of Documents to the Nuclear Regulatory Commission (8/82)	Not Applicable Administrative communication
82-15	Nuclear Plant Staff Working Hours (no date)	Not issued
82-16	NUREG-0737 Technical Specifications (9/82)	DCD Chapter 16
82-17	Inconsistency Between Requirements of 10 CFR 50.54(t) and Standard Technical Specifications for Performing Audits of Emergency Preparedness Programs (10/82)	Not Applicable Not T.S. Requirement
82-18	Reactor Operator and Senior Reactor Operator Examinations (10/82)	Not Applicable Part of COL
82-19	Submittal of Copies of Documents to the NRC (10/82)	Not applicable to commercial nuclear power plants
82-20	Guidance for Implementing Standard Review Plan Rule (10/82)	DCD Section 1.9.2
82-21	Technical Specifications for Fire Protection Audits (10/82)	Not Applicable Not T.S. Requirement
82-22	Congressional Request for Information Concerning Steam Generator Tube Integrity (10/82)	USI A-3 DCD Section 1.9.4.2.2
82-23	Inconsistency Between Requirements of 10CFR 73.40(d) and Standard Technical Specifications for Performing Audits of Safeguards Contingency Plans (Security Plan) (10/82)	Not Applicable Not T.S. Requirement
82-24	Safety Relief Valve Quencher Loads: Evaluation for BWR Mark II and III Containments (11/82)	Not Applicable BWR only
82-25	Integrated IAEA Exercise for Physical Inventory at LWRs (11/82)	Not Applicable Administrative communication
82-26	NUREG-0744 Revision 1; Pressure Vessel Material Fracture Toughness (11/82)	USI A-11 DCD Section 1.9.4.2.2

GENERIC LETTERS		
Number	Title	Comment
82-27	Transmittal of NUREG-0763 and NUREG-0783 (11/82)	Not Applicable BWR only
82-28	Inadequate Core Cooling Instrumentation System (12/82)	DCD Section 1.9.3
82-29	NUREG/CR-2980 (no date)	Not issued
82-30	Filings Related to 10 CFR Part 50 Production and Utilization Facilities (12/82)	Not Applicable Administrative communication
82-31	NUREG-0737 Technical Specifications (no date)	Not issued
82-32	Potential Steam Generator Related Generic Requirements (12/82)	USI A-3 DCD Section 1.9.4.2.2
82-33	Supplement 1 to NUREG-0737 - Requirements for Emergency Response Capability (12/82)	DCD Section 1.9.3
82-34	SECY 82-111 Modification of Vacuum Breakers on Mark I Containment (no date)	Not issued
82-35	No Title (no date)	Not issued
82-36	Assignment of Authority to Regions for Nonpower Reactor Amendments and Licensing Activities (no date)	Not issued
82-37	NUREG-0737 Technical Specifications (no date)	Not issued
82-38	Meeting to Discuss Recent Developments for Operating Licensing Examinations (12/82)	Not Applicable Administrative communication
82-39	Problems With the Submittal of 10 CFR73.21 Safeguards Information for Licensing Review (12/82)	Not Applicable Administrative communication
83-01	Operating Licensing Examination Site Visit (1/83)	Not Applicable Administrative communication
83-02	NUREG-0737 Technical Specifications (1/83)	Not Applicable BWR only
83-03	No Title (no date)	Not issued
83-04	Regional Workshops Regarding Supplement 1 to NUREG-0737, Requirements for Emergency Response Capability (2/83)	Not Applicable Administrative communication
83-05	Safety Evaluation of "Emergency Procedure Guideline, Revision 2," NEGO-24934 (2/83)	Not Applicable BWR only
83-06	Certificates and Revised Format for Reactor Operator and Senior Reactor Operator Licenses (1/83)	Not Applicable Part of COL
83-07	The Nuclear Waste Policy Act of 1982 (2/83)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
83-08	Modification of Vacuum Breakers on Mark I Containments (2/83)	Not Applicable GE BWR only
83-09	Review of Combustion Engineering Owners Group Emergency Procedures Guidelines Program (2/83)	Not Applicable CE facilities only
83-10a	Resolution of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps (CE Applicants) (2/83)	Not Applicable CE facilities only
83-10b	Resolution of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps (CE licensees) (2/83)	Not Applicable CE facilities only
83-10c	Resolution of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps (Westinghouse applicants) (2/83)	DCD Section 7.3.1.1.3.3, 1.9.4.2
83-10d	Resolution of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps (Westinghouse licensees) (2/83)	DCD Section 7.3.1.1.3.3, 1.9.4.2
83-10e	Resolution of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps (B&W applicants) (2/83)	Not Applicable B&W facilities only
83-10f	Resolution of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps (B&W licensees) (2/83)	Not Applicable B&W facilities only
83-11	Licensee Qualification for Performing Safety Analysis in Support of Licensing Actions (2/83)	AP1000 is performed under a QA program which is reviewed by NRC
83-12	Issuance of NRC Form 398 Personal Qualifications Statement - Licensee (2/83)	Not Applicable Part of COL
83-12A	Issuance of NRC Form 398 Personal Qualifications Statement - Licensee (7/83)	Not applicable to commercial nuclear power plants
83-13	Clarification of Surveillance Requirements for HEPA Filters and Charcoal Absorber Units in Standard Technical Specifications (STS) on ESF Cleanup Systems (3/83)	Not Applicable AP1000 has no safety-related ventilation systems
83-14	Definition of "Key Maintenance Personnel" (3/83)	Not Applicable Administrative communication
83-15	Implementation of Regulatory Guide 1.150, "Ultrasonic Testing of Reactor Vessel Welds During Preservice and Inservice Examinations, Revision 1" (3/83)	R.G. 1.150 DCD Appendix 1A
83-16	Transmittal of NUREG-0977 relative to the ATWS Events at Salem Generating Station Unit 1 (3/83)	See Generic Letter 83-28

GENERIC LETTERS		
Number	Title	Comment
83-16A	Transmittal of NUREG-0977 relative to the ATWS Events at Salem Generating Station Unit 1 (3/83)	See Generic Letter 83-28
83-17	Integrity of the Requalification Examinations for Renewal of Reactor Operator and Senior Reactor Operator Licenses (4/83)	Not Applicable Part of COL
83-18	NRC Staff Review of the BWR Owners Group (BWROG) Control Room Survey Program (4/83)	Not Applicable BWR only
83-19	New Procedure for Providing Public Notice Concerning Issuance of Amendments to Operating Licenses (5/83)	Not Applicable Administrative communication
83-20	Integrated Schedule for Implementation of Plant Modifications (5/83)	Not Applicable Administrative communication
83-21	Clarification of Access Control Procedures for Law Enforcement Visits (5/83)	Not Applicable Administrative communication
83-22	Safety Evaluation of "Emergency Response Guidelines" (6/83)	Not Applicable Part of COL See Emergency Response Guidelines
83-23	Safety Evaluation of "Emergency Procedure Guidelines" (7/83)	Not Applicable CE facilities only
83-24	TMI Task Action Plan Item I.G.I, "Special Low Power Testing and Training," Recommendations for BWRs (6/83)	Not Applicable BWR only
83-25	No Title (no date)	Not issued
83-26	Clarification of Surveillance Requirements for Diesel Fuel Impurity Tests (7/83)	Not Applicable Regulatory Guide 1.137 DCD Section 1.9.1
83-27	Surveillance Intervals in Standard Technical Specifications (7/83)	DCD Chapter 16, Section 3.0
83-28	Required Actions Based on Generic Implications of Salem ATWS Events	DCD Section 7.1.2.2.4
83-29	No Title (no date)	Not issued
83-30	Deletion of Standard Technical Specification Surveillance Requirement 4.8.1.1.2.d.6 for Diesel Generator Testing (7/83)	Not Applicable Regulatory Guide 1.108 DCD Section 1.9.1
83-31	Safety Evaluation of "Abnormal Transient Operating Guidelines" (9/83)	Not Applicable B&W facilities only
83-32	NRC Staff Recommendations Regarding Operator Action for Reactor Trip and ATWS (12/83)	DCD Section 18.8.2.1.2

GENERIC LETTERS		
Number	Title	Comment
83-33	NRC Positions on Certain Requirements of Appendix R to 10 CFR Part 50 (10/83)	DCD Section 9.5.1
83-34	No Title (no date)	Not issued
83-35	Clarification of TMI Action Plan Item II.K.3.31 (11/83)	DCD Section 15.6.5.4
83-36	NUREG-0737 Technical Specifications (11/83)	Not Applicable BWR only
83-37	NUREG-0737 Technical Specifications (11/83)	DCD Chapter 16
83-38	NUREG-0965, "NRC Inventory of Dams" (10/83)	Not Applicable Administrative communication
83-39	Voluntary Survey of Licensed Operators (12/83)	Not Applicable Administrative communication
83-40	Operator Licensing Examination (12/83)	Not Applicable Part of COL
83-41	Fast Cold Starts of Diesel Generators (12/83)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3
83-42	Clarification to Generic Letter 81-07 Regarding Responses to NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants" (12/83)	USI A-36 DCD Section 1.9.4.2.2
83-43	Reporting Requirements of 10 CFR 50.72, 10 CFR 50.73, and Standard Technical Specifications (STS) (12/83)	Not Applicable Administrative communication
83-44	Availability of NUREG-1021, "Operator Licensing Examiner Standards" (12/83)	Not Applicable Administrative communication
84-01	NRC Use of the Terms, "Important to Safety" and "Safety-Related" (1/84)	DCD Chapter 17
84-02	Notice of Meeting Regarding Facility Staffing (1/84)	Not Applicable Administrative communication
84-03	A Prioritization of Generic Safety Issues (1/84)	Not Applicable Administrative communication
84-04	Safety Evaluation of Westinghouse Topical Reports on Elimination of Postulated Pipe Breaks in PAR Primary Main Loops (2/84)	USI A-2 DCD Section 1.9.4.2.2
84-05	Change to NUREG-1021, "Operator Licensing Examiner Standards" (4/84)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
84-06	Operator and Senior Operator License Examination Criteria for Passing Grade (4/84)	Not Applicable Administrative communication
84-07	Procedural Guidance for Pipe Replacement at BWRs (3/84)	Not Applicable BWR only
84-08	Interim Procedure for NRC Management of Plant-Specific Backfitting (4/84)	Not Applicable Administrative communication
84-09	Recombiner Capability Requirements of 10 CFR 50.44 (c)(3)(ii) (5/84)	DCD Section 6.2.4
84-10	Administration of Operating Tests Prior to Initial Criticality (10 CFR 55.250 (5/84)	Not Applicable Part of COL
84-11	Inspections of BWR Stainless Steel Piping (5/84)	Not Applicable BWR only
84-12	Compliance with 10 CFR Part 61 and Implementation of the Radiological Effluent Technical Specifications (RETS) and Attendant Process Control Program (PCP) (4/84)	DCD Chapter 16, Section 5.5
84-13	Technical Specification for Snubbers (5/84)	Inservice Testing Program DCD Section 3.9.3.4.3
84-14	Replacement and Requalification Training Program (5/84)	Not Applicable Training issue
84-15	Proposed Staff Actions to Improve and Maintain Diesel Generator Reliability (7/84)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
84-16	Adequacy of On-Shift Operating Experience for Near Term Operating License Applicants (6/84)	DCD Chapter 16, Section 5.2
84-17	Annual Meeting to Discuss Recent Developments Regarding Operator Training, Qualifications and Examinations (7/84)	Not Applicable Part of COL
84-18	Filing of Applications for Licenses and Amendments (7/84)	Not Applicable Administrative communication
84-19	Availability of Supplement 1 to NUREG-0933, "A Prioritization of Generic Safety Issues" (8/84)	Not Applicable Administrative communication
84-20	Scheduling Guidance for Licensee Submittal of Reloads that Involve Unreviewed Safety Questions (8/84)	Not Applicable Operational issue is within scope of the COL DCD Chapter 15 identifies the core peaking factors used in the AP1000 safety analysis

GENERIC LETTERS		
Number	Title	Comment
84-21	Long Term Low Power Operation in PWRs (10/84)	Not Applicable Administrative communication
84-22	No Title (no date)	Not issued
84-23	Reactor Vessel Water Level Instrumentation in BWRs (10/84)	Not Applicable BWR only
84-24	Certification of Compliance to 10 CFR 50.49 Environmental Qualification of Electrical Equipment Important to Safety for Nuclear Power Plants (12/84)	DCD Sections 7.4, 3.11, Appendix 3D
85-01	Fire Protection Policy Steering Committee Report (1/85)	Not Applicable Administrative communication
85-02	Staff Recommended Actions Stemming from NRC Integrated Program for the Resolution of Unresolved Safety Issues Regarding Steam Generator Tube Integrity (4/85)	USI A-3 DCD Section 1.9.4.2.2
85-03	Clarification of Equivalent Control Capacity for Standby Liquid Control Systems (1/85)	Not Applicable BWR only
85-04	Operator Licensing Examinations (1/85)	Not Applicable Part of COL
85-05	Inadvertent Boron Dilution Events (1/85)	DCD Section 15.4.6
85-06	Quality Assurance Guidance for ATWS Equipment That is Not Safety-Related (4/85)	USI A-9 DCD Section 1.9.4.2.2
85-07	Implementation of Integrated Schedules for Plant Modifications (5/85)	Not Applicable Administrative communication
85-08	10 CFR 20.408 Termination Reports - Format (5/85)	Not Applicable Administrative communication
85-09	Technical Specifications for Generic Letter 83-28, Item 4.3 (5/85)	DCD Chapter 16, Section 3.3.1
85-10	Technical Specifications for Generic Letter 83-28, Item 4.3 and 4.4 (5/85)	Not Applicable B&W facilities only
85-11	Completion of Phase II of "Heavy Loads at Nuclear Power Plants" NUREG-0612 (6/85)	USI A-36 DCD Section 1.9.4.2.2
85-12	Implementation of TMI Action Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps" (6/85)	DCD Section 7.3.1.1.3.3
85-13	Transmittal of NUREG-1154 Regarding the Davis- Besse Loss of Main and Auxiliary Feedwater Event (8/85)	DCD Section 10.4.7.1, 6.3.3.2 Procedural issue

GENERIC LETTERS		
Number	Title	Comment
85-14	Commercial Storage at Power Reactor Sites of Low-Level Radioactive Waste Not Generated by the Utility (8/85)	Not Applicable Part of COL
85-15	Information Relating to the Deadlines for Compliance with 10 CFR 50.49, "Environmental Qualification of Electric Equipment Important to Safety for Nuclear Power Plants" (8/85)	Not Applicable Administrative communication
85-16	High Boron Concentrations (8/85)	Not Applicable AP1000 has no BIT
85-17	Availability of Supplements 2 and 3 to NUREG-0933, "A Prioritization of Generic Safety Issues" (8/85)	Not Applicable Administrative communication
85-18	Operating Licensing Examinations (9/85)	Not Applicable Part of COL
85-19	Reporting Requirements on Primary Coolant Iodine Spikes (9/85)	Not Applicable Part of COL
85-20	Resolution of Generic Issue 69: High Pressure Injection/Make-Up Nozzle Cracking in Babcock and Wilcox Plants (11/85)	Not Applicable B&W facilities only
85-21	No Title (no date)	Not issued
85-22	Potential for Loss of Post-LOCA Recirculation Capability Due to Insulation Debris Blockage (12/85)	USI A-43 DCD Section 1.9.4.2.2
86-01	Safety Concerns Associated with Pipe Breaks in the BWR Scram System (1/86)	Not Applicable BWR only
86-02	Technical Resolution of Generic Issue B-19 Thermal Hydraulic Stability (1/86)	Not Applicable BWR only
86-03	Applications for License Amendments (2/86)	Not Applicable Administrative communication
86-04	Policy Statement on Engineering Expertise on Shift (2/86)	DCD Section 18.7
86-05	Implementation of TMI Action Plan Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps"	Not Applicable B&W facilities only
86-06	Implementation of TMI Action Plan Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps"	Not Applicable CE facilities only
86-07	Transmittal of NUREG-1190 Regarding the San Onofre Unit 1 Loss of Power and Water Hammer Event (3/86)	USI A-1 DCD Section 1.9.4.2.2
86-08	Availability of Supplement 4 to NUREG-0933, "A Prioritization of Generic Safety Issues" (3/86)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
86-09	Technical Resolution of Generic Issue B-59: (N-1) Loop Operation in BWRs and PWRs (3/86)	Not Applicable Not in AP1000
86-10	Implementation of Fire Protection Requirements (4/86)	DCD Section 9.5.1
86-10 S1	Fire endurance Test Acceptance Criteria For Fire Barrier Systems Used to Separate Redundant Safe Shutdown Trains	DCD Section 9.5.1
86-11	Distribution of Products Irradiated in Research Reactors (6/85)	Not applicable to commercial nuclear power plants
86-12	Criteria for Unique Purpose Exemption from Conversion from the Use of HEU Fuel (7/86)	Not applicable to commercial nuclear power plants
86-13	Potential Inconsistency Between Plant Safety Analyses and Technical Specifications (7/86)	Not Applicable CE and B&W facilities only
86-14	Operating Licensing Examinations (8/86)	Not Applicable Part of COL
86-15	Information Relating to the Compliance with 10 CFR 50.49, "Environmental Qualification of Electric Equipment Important to Safety for Nuclear Power Plants" (8/85)	DCD Section 3.11, Appendix 3D
86-16	Westinghouse ECCS Evaluation Models (10/86)	DCD Section 15.0.11, 6.3.5
86-17	Availability of NUREG-1169, "Technical Findings Related to Generic Issue C-8; Boiling Water Reactor Main Steam Isolation Valve Leakage and Leakage Treatment Methods" (10/86)	Not Applicable BWR only
87-01	Public Availability of the NRC Operator Licensing Examination Question Book (1/87)	Not Applicable Administrative communication
87-02	Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Safety Issue (USI) A-46 (2/87)	USI A-46 DCD Section 1.9.4.2.2
87-02 S1	Supplemental Safety Evaluation Report No. 2 (SSER No. 2) on SQUG Generic Implementation Procedure, Revision 2, as corrected on February 14, 1992 (GIP-2) (5/87)	USI A-46 DCD Section 1.9.4.2.2
87-03	Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Safety Issue (USI) A-46 (2/87)	USI A-46 DCD Section 1.9.4.2.2
87-04	Temporary Exemption from Provisions of the FBI Criminal History Rule for Temporary Workers (3/87)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
87-05	Request for Additional Information-Assessment of Licensee Measures to Mitigate and/or Identify Potential Degradation of Mark I Drywells (3/87)	Not Applicable BWR only
87-06	Periodic Verification of Leak Tight Integrity of Pressure Isolation Valves (3/87)	DCD Chapter 16, LCO 3.4.16
87-07	Information Transmittal of Final Rulemaking for Revisions to Operator Licensing - 10 CFR 55 and Conforming Amendments (3/87)	Not Applicable Administrative communication
87-08	Implementation of 10 CFR 73.55 Miscellaneous Amendments and Search Requirements (5/87)	Not Applicable Administrative communication
87-09	Sections 3.0 and 4.0 of the Standard Technical Specifications (STS) on the Applicability of Limiting Conditions for Operation and Surveillance Requirements (6/87)	DCD Chapter 16, Section 3.0
87-10	Implementation of 10 CFR 73.57, Requirements for FBI Criminal History Checks (6/87)	Not Applicable Administrative communication
87-11	Relaxation in Arbitrary Intermediate Pipe Rupture Requirements (6/87)	DCD Section 3.6.2
87-12	Loss of Residual Heat Removal (RHR) While the Reactor Coolant System (RCS) is Partially Filled (7/87)	DCD Section 1.9.5.1
87-13	Integrity of Requalification Examinations at Non-power Reactors (7/87)	Not applicable to commercial nuclear power plants
87-14	Operator Licensing Examinations (8/87)	Not Applicable Part of COL
87-15	Policy Statement of Deferred Plants (11/87)	Not Applicable Deferred facilities only
87-16	Transmittal of NUREG-1262, "Answers to Questions at Public Meeting Regarding Implementation of 10 CFR Part 55 on Operators Licenses" (11/87)	Not Applicable Administrative communication
88-01	NRC Position on Intragranular Stress Corrosion Cracking (IGSCC) in BWR Austenitic Stainless Steel Piping (1/88)	Not Applicable BWR only
88-01 S1	NRC Position on Intragranular Stress Corrosion Cracking (IGSCC) in BWR Austenitic Stainless Steel Piping (2/88)	Not Applicable BWR only
88-02	Integrated Safety Assessment Program II (ISAP II) (1/88)	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
88-03	Resolution of Generic Safety Issue 93, "Steam Binding of Auxiliary Feedwater Pumps" (2/88)	Not Applicable API1000 has no safety-related AFW or similar safety-related system
88-04	Distribution of Gems Irradiated in Research Reactors (2/88)	Not applicable to commercial nuclear power plants
88-05	Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PAR Plants (3/88)	Not Applicable Part of COL DCD Section 13.5
88-06	Removal of Organizational Charts from Technical Specification Administrative Control Requirements (3/88)	Not Applicable Administrative communication
88-07	Modified Enforcement Policy Relating to 10 CFR 50.49, "Environmental Qualification of Electrical Equipment Important to Safety for Nuclear Power Plants" (4/88)	DCD Sections 1.9, 3.11
88-08	Mail Sent or Delivered to the Office of Nuclear Reactor Regulation (5/88)	Not Applicable Administrative communication
88-09	Pilot Testing of Fundamental Examination (5/88)	Not Applicable BWR only
88-10	Purchase of GSA Approved Security Containers (7/88)	Not Applicable Procurement issue
88-11	NRC Position on Radiation Embrittlement of Reactor Vessel Materials and its Impact on Plant Operations (7/88)	USI A-47, R.G. 1.99 DCD Section 1.9.4.2.2, Appendix 1A, respectively
88-12	Removal of Fire Protection Requirements from Technical Specifications (8/88)	DCD Chapter 16, Section 5.7
88-13	Operator Licensing Examinations (8/88)	Not Applicable Administrative communication
88-14	Instrument Air Supply System Problems Affecting Safety-Related Equipment (8/88)	DCD Section 9.3.1
88-15	Electric Power Systems - Inadequate Control Over Design Process (9/88)	DCD Section 8.3.1.1.2.1
88-16	Removal of Cycle-Specific Parameter Limits From Technical Specifications (10/88)	DCD Chapter 16, Section 5.9
88-17	Loss of Decay Heat Removal 10 CFR 50.54(f) (10/88)	DCD Section 1.9.5.1
88-18	Plant Record Storage on Optical Disk (10/88)	Quality Assurance Issue DCD Chapter 17

GENERIC LETTERS		
Number	Title	Comment
88-19	Use of Deadly Force by Licensee Guards to Prevent Theft of Special Nuclear Material (10/88)	Not Applicable Procedural issue
88-20	Individual Plant Examination for Severe Accident Vulnerabilities - 10 CFR 50.54(f) (11/88)	AP1000 Probabilistic Risk Assessment Report
88-20 S1	Initiation of Individual Plant Examination for Severe Accident Vulnerabilities - 10 CFR 50.54(f) (11/88)	AP1000 Probabilistic Risk Assessment Report
88-20 S2	Accident Management Strategies for Consideration in the Individual Plant Examination Process (4/90)	AP1000 Probabilistic Risk Assessment Report
88-20 S3	Completion of Containment Performance Improvement Program and Forwarding of Insights for Use in the Individual Plant Examination for Severe Accident Vulnerabilities (7/90)	AP1000 Probabilistic Risk Assessment Report
88-20 S4	Individual Plant Examination of External Events (IPEEE) for Severe Accident Vulnerabilities - 10 CFR 50.54(f) (6/91)	AP1000 Probabilistic Risk Assessment Report
88-20 S5	Individual Plant Examination of External Events for Severe Accident Vulnerabilities	AP1000 Probabilistic Risk Assessment Report
89-01	Implementation of Programmatic Controls for Radiological Effluent Technical Specifications (RETS) in the Administrative Controls Section of the Technical Specifications and the Relocation of Procedural Details of RETS to the Offsite Dose Calculation Manual (ODCM) or to the Process Control Program (PCP) (1/89)	DCD Chapter 16, Section 5.7
89-01 S1	NUREG-1301 and 2 - "Offsite Dose Calculation Manual Guidance: Standard Radiological Effluent Controls for PWRs and BWRs"	Not Applicable Administrative communication
89-02	Actions to Improve the Detection of Counterfeit and Fraudulently Marked Products (3/89)	Not Applicable Procurement issue
89-03	Operator Licensing National Examination Schedule (3/89)	Not Applicable Administrative communication
89-04	Guidance on Developing Acceptance Inservice Testing Programs (4/89)	DCD Section 3.9.6.2
89-04 S1	Guidance on Developing Acceptable Inservice Testing Programs	DCD Sections 5.2.4, 6.6
89-05	Pilot Testing of the Fundamentals Examination (4/89)	Not Applicable Administrative communication
89-06	Task Action plan Item I.D.2 - Safety Parameter Display System - 10 CFR 50.54(f) (4/89)	DCD Section 1.9.3

GENERIC LETTERS		
Number	Title	Comment
89-07	Power Reactors Safeguards Contingency Planning for Service Vehicle Bombs (4/89)	Not Applicable Procedural issue Part of COL DCD Section 13.6.5.6
89-07 S1	Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs	Not Applicable Procedural issue Part of COL DCD Section 13.6.5.4
89-08	Erosion/Corrosion Induced Pipe Wall Thinning (5/89)	Surveillance issue DCD Sections 5.4.3.4, 10.3.6
89-09	ASME Section III Component Replacements (5/89)	Not Applicable Procurement issue
89-10	Safety-Related Motor Operated Valve Testing and Surveillance - 10 CFR 50.54(f) (6/89)	Testing and Surveillance issue DCD Section 3.9.6.2
89-10 S1	Results of the Public Workshops (6/90)	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
89-10 S2	Availability of Program Descriptions (8/90)	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
89-10 S3	Consideration of the Results of NRC Sponsored Tests of Motor Operated Valves (10/90)	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
89-10 S4	Consideration of Valve Mispositioning in BWRs (2/92)	Not Applicable BWR only
89-10 S5	Inaccuracy of Motor Operated Valve Diagnostic Equipment	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
89-10 S6	Information on Schedule and Grouping, and Staff Responses to Additional Public Questions	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
89-10 S7	Consideration of Valve Mispositioning in PWRs	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
89-11	Resolution of Generic Issue 101 "Boiling Water Reactor Water Level Redundancy (6/89)	Not Applicable BWR only
89-12	Operator Licensing Examinations (7/89)	Not Applicable Part of COL

GENERIC LETTERS		
Number	Title	Comment
89-13	Service Water System Problems Affecting Safety-Related Equipment (7/89)	Not Applicable The Service Water System for AP1000 is a nonsafety-related system
89-13 S1	Service Water System Problems Affecting Safety-Related Equipment (4/90)	Not Applicable The Service Water System for AP1000 is a nonsafety-related system
89-14	Line Item Improvements in Technical Specifications - Removal of the 3.25 Limit on Extending Surveillance Intervals (8/89)	DCD Chapter 16, Section 3.0
89-15	Emergency Response Data System (8/89)	Not Applicable Part of COL Emergency Response Guidelines
89-16	Installation of a Hardened Wetwell Vent (9/89)	Not Applicable BWR only
89-17	Planned Administrative Changes to the NRC Operator Licensing Written Examination Process (9/89)	Not Applicable Part of COL
89-18	Resolution of Unresolved Safety Issue A-17, "Systems Interactions in Nuclear Power Plants (9/89)	USI A-17 DCD Section 1.9.4.2.2
89-19	Request for Action Related to Resolution of Unresolved Safety Issue A-47 "Safety Implication of Control Systems in LWR Nuclear Power Plants" Pursuant to 10 CFR 50.54(f) (9/89)	USI A-27 DCD Section 1.9.4.2.2
89-20	Protected Area Long-Term Housekeeping (9/89)	Not applicable to commercial nuclear power plants
89-21	Request for Information Concerning Status of Implementation of Unresolved Safety Issue (USI) Requirements (10/89)	Not Applicable Administrative communication
89-22	Potential for Increased Roof Loads and Plant Area Flood Runoff Depth at Licensed Nuclear Power Plants Due to Recent Change in Probable Maximum Precipitation Criteria Developed by the National Weather Service (10/89)	DCD Chapter 2
89-23	NRC Response to Questions Pertaining to Implementation of 10 CFR Part 26 (10/89)	Not Applicable Administrative communication
90-01	Request for Voluntary Participation in NRC Regulatory Impact Survey (1/90)	Not Applicable Administrative communication
90-02	Alternative Requirements for Fuel Assemblies in the Design Features Section of Technical Specifications (2/90)	DCD Chapter 16, Section 4.2

GENERIC LETTERS		
Number	Title	Comment
90-02 S1	Alternative Requirements for Fuel Assemblies in the Design Features Section of Technical Specifications	DCD Chapter 16, Section 4.2
90-03	Relaxation of NRC Position in Generic Letter 83-28, Item 2.2 Part 2, "Vendor Interface for Safety-Related Components (3/90)	Not Applicable Procurement issue
90-03 S1	Relaxation of NRC Position in Generic Letter 83-28, Item 2.2 Part 2, "Vendor Interface for Safety-Related Components (5/90)	Not Applicable Procurement issue
90-04	Request for Information on the Status of Licensee Implementation of Generic Safety Issues Resolved with Imposition of Requirements or Corrective Action (4/90)	Not Applicable Administrative communication
90-05	Guidance for Performing Temporary Non-Code Repair of ASME Code Class 1, 2 and 3 Piping (6/90)	Not Applicable Maintenance issue
90-06	Resolution of Generic Issue 70, "Power-Operated Relief Valve and Block Valve Reliability," and Generic Issue 94, "Additional Low Pressure Temperature Overpressure Protection for Light Water Reactors," Pursuant to 10 CFR 50.54(f) (6/90)	USI A-26 DCD Section 1.9.4.2.2
90-07	Operator Licensing National Examination Schedule (8/90)	Not Applicable Administrative communication
90-08	Simulation Facility Exemptions (8/90)	Not Applicable Administrative communication
90-09	Alternative Requirements for Snubber Visual Inspection Intervals and Corrective Actions (12/90)	DCD Sections 5.2.4, 6.6
91-01	Removal of the Schedule for the Withdrawal of Reactor Vessel Material Specimens from Technical Specifications (1/91)	DCD Chapter 16
91-02	Reporting Mishaps Involving LLW Forms Prepared for Disposal (12/90)	Not Applicable Administrative communication
91-03	Reporting of Safeguards Events (3/91)	Not Applicable Administrative communication
91-04	Changes in Technical Specification Surveillance Intervals to Accommodate a 24-Month Fuel Cycle (4/91)	DCD Chapter 16, Sections 3.1-3.9
91-05	License Commercial-Grade Procurement and Dedication Programs (4/91)	Not Applicable Procurement issue
91-06	Resolution of Generic Issue A-30, "Adequacy of Safety-Related DC Power Supplies," Pursuant to 10 CFR 50.54(f) (4/91)	DCD Section 8.3.2

GENERIC LETTERS		
Number	Title	Comment
91-07	GI 23, "Reactor Coolant Pump Seal Failure" and Its Possible Effect on Station Blackout (5/91)	Not Applicable Generic Issue 23 DCD Section 5.1.3.3, 1.9.4.2.3
91-08	Removal of Component Lists from Technical Specifications (5/91)	DCD Chapter 16
91-09	Modification of Surveillance Interval for the Electrical Protective Assemblies in Power Supplies for the Reactor Protection System (6/91)	Not Applicable BWR only
91-10	Explosive Searches at Protected Areas Portals (7/91)	Not applicable to commercial nuclear power plants
91-11	Resolution of Generic Issues 48, "LCOs for Class 1E Vital Instrument Buses," and 49, "Interlocks and LCOs for Class 1E Tie Breakers" Pursuant to 10 CFR 50.54(f) (7/91)	Not Applicable Generic Issue 48 DCD Section 8.3.2.1.1.1, 1.9.4.2.3
91-12	Operator Licensing National Examination Schedule (8/91)	Not Applicable Administrative communication
91-13	Request for Information Related to the Resolution of Generic Issue 130, "Essential Service Water System Failures at Multi-Unit Sites," Pursuant to 10 CFR 50.54(f) (9/91)	Not Applicable The AP1000 is a single, independent plant that does not share or cross-tie systems or components with another plant
91-14	Emergency Telecommunications (9/91)	Not Applicable Part of COL
91-15	Operating Experience Feedback Report, Solenoid-Operated Valve Problems at U.S. Reactors (9/91)	Not Applicable Procurement/Maintenance issue
91-16	Licensed Operator and Other Nuclear Facility Personnel Fitness for Duty (10/91)	Not Applicable Part of COL DCD Chapter 13
91-17	Generic Safety Issue 29, "Bolting Degradation or Failure in Nuclear Power Plants" (10/91)	Not Applicable Procurement/Maintenance issue
91-18	Information to Licensees Regarding Two NRC Inspection Manual Sections on Resolution of Degraded and Nonconforming Conditions and on Operability (11/91)	Not Applicable Administrative communication
91-19	Information to Addressees Regarding New Telephone Numbers for NRC Offices Located in One White Flint North (12/91)	Not Applicable Administrative communication
92-01	Reactor Vessel Structural Integrity	Not issued
92-01 R1	Reactor Vessel Structural Integrity	DCD Section 5.3.2-5.3.3 See Generic letter 88-11

GENERIC LETTERS		
Number	Title	Comment
92-01 RS	Reactor Vessel Structural Integrity (Revision 1, Supplement 1)	DCD Section 5.3.2-5.3.3 See Generic letter 88-11
92-02	Resolution of Generic Issue 79, "Unanalyzed Reactor Vessel (PAR) Thermal Stress During Natural Convection Cooldown"	Not applicable Procedural issue DCD Subsection 1.9.4.2.3 Issue 79
92-03	Compilation of the Current Licensing Basis: Request for Voluntary Participation in Pilot Program	Not Applicable Administrative communication
92-04	Resolution of the Issues Related to Reactor Vessel Water Level Instrumentation in BWRs Pursuant to 10 CFR 50.54(f)	Not Applicable BWR only
92-05	NRC Workshop on the Systematic Assessment of Licensing Performance (SALP) Program	Not Applicable Administrative communication
92-06	Operator Licensing National Examination Schedule	Not Applicable Administrative communication
92-07	Office of Nuclear Reactor Regulation Reorganization	Not Applicable Administrative communication
92-08	Thermo-Lag 330-1 Fire Barrier	Not Applicable Procurement issue DCD Section 9.5.1
92-09	Limited Participation by NRC in the IAEA International Nuclear Event Scale	Not Applicable Administrative communication
93-01	Emergency Response Data System Test Program	Not Applicable Part of COL Emergency Response Guidelines
93-02	NRC Public Workshop on Commercial Grade Procurement and Dedication	Not Applicable Administrative communication
93-03	Verification of Plant Records	Not Applicable Part of COL
93-04	Rod Control System Failure and Withdrawal of Rod Cluster Assemblies, 10 CFR 50.54(f)	DCD Section 3.9.4
93-05	Line-Item Technical Specifications Improvements to Reduce Surveillance Requirements for Testing During Power Operation	Not Applicable Administrative communication
93-06	Research Results on Generic Safety Issue 106, "Piping and the Use of Highly Combustible Gases in Vital Areas"	Generic Safety Issue 106 DCD Section 1.9.4.2.3
93-07	Modification of the Technical Specification Administrative Control Requirements for Emergency and Security Plans	Not Applicable Administrative communication

GENERIC LETTERS		
Number	Title	Comment
93-08	Relocation of Technical Specification Tables of Instrument Response Time Limits	Not Applicable Administrative communication
94-01	Removal of Accelerated Testing and Special Reporting Requirements for Emergency Diesel Generators	Not Applicable Maintenance issue Reference to Generic Safety Issue B-56 DCD Section 1.94, Item B-56
94-02	Long-Term Solutions and Upgrade of Interim Operating Recommendations for Thermal-Hydraulic Instabilities in BWRs	Not Applicable BWR only
94-03	Intergranular Stress Corrosion Cracking of Core Shrouds in BWRs	Not Applicable BWR only
94-04	Voluntary Reporting of Additional Occupational Radiation Exposure Data	Not Applicable Administrative communication
95-01	NRC Staff Technical Position on Fire Protection for Fuel Cycle Facilities	Not Applicable Fuel Fabrication Facilities
95-02	Use of NUMARC/EPRI Report TR-102348, "Guideline on Licensing Digital Upgrades," in Determining the Acceptability of Performing Analog-to-Digital Replacements under 10 CFR 50.59	Not Applicable Administrative communication
95-03	Circumferential Cracking of Steam Generator Tubes	USI A-3 DCD Section 1.9.4.2.2, Item A-3
95-04	Final Disposition of the Systematic Evaluation Program Lessons-Learned Issues	Not Applicable Administrative communication
95-05	Voltage-Based Repair Criteria for Westinghouse Steam Generator Tubes Affected by Outside Diameter Stress Corrosion Cracking	Not Applicable Tubes fabricated from alloy 690 DCD Section 5.4.2
95-06	Changes in Operator Licensing Program	Not Applicable Administrative communication
95-07	Pressure Locking and Thermal Binding of Safety-Related Power Operated Gate Valves	Procurement Issue DCD Subsections 5.4.8.1.2 and 5.4.8.2
95-08	10 CFR 50.54(p) Process for Changes to Security Plans without Prior NRC Approval	Not Applicable Procedural Issue
95-09	Monitoring and Training of Shippers and Carriers of Radioactive Materials	Not Applicable Procedural Issue
95-09 S1	Monitoring and Training of Shippers and Carriers of Radioactive Materials	Not Applicable Procedural Issue

GENERIC LETTERS		
Number	Title	Comment
95-10	Relocation of Selected TS Requirements Related to Instrumentation	Not Applicable Administrative communication DCD Chapter 16
96-01	Testing of Safety-Related Logic Circuits	DCD Section 7.1.2
96-02	Reconsideration of Nuclear Power Plant Security Requirements Associated with an Internal Treat	Not Applicable Part of COL DCD Section 13.6
96-03	Relocation of the Pressure Temperature Limit Curves and Low Temperature Overpressure Protection System Limits	Not Applicable Pressure Temperature Limit Curves removed from Technical Specifications
96-04	Boraflex Degradation in Spent Fuel Pool Storage Racks	Not Applicable Procurement issue
96-05	Periodic Verification of Design-Basis Capability of Safety-Related Motor-operated Valves	DCD Subsections 3.9.6.2 and 5.4.8.5
96-06	Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions (Cooling Water)	Cooling water to the containment fan coolers is not safety-related, DCD Subsection 6.2.2. Containment penetrations are protected from overpressurization. DCD Subsection 6.2.3.1.3.
96-07	Interim Guidance on Transportation of Steam Generators	Not Applicable Procedural issue
97-01	Degradation of Control Rod Drive Mechanism Nozzle and Other Vessel Closure Head	AP1000 uses Alloy 690 DCD Subsection 5.2.3.1
97-02	Revised Content of the Monthly Report	Not Applicable Administrative communication
97-03	Annual Financial Surety Update Requirements for Uranium Recovery Licensees	Not applicable to commercial nuclear power plants.
97-04	Assurance of Sufficient Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps	Not Applicable, AP1000 does not use pumps in safety-related ECCS or containment cooling, DCD Subsection 6.2.2 and Subsection 6.3
97-05	Steam Generator Tube Inspection Techniques	Not Applicable Procedural issue
97-06	Degradation of Steam Generator Internals	Not Applicable Procedural issue Tube supports, fabricated from stainless steel DCD Subsection 5.4.2.2

GENERIC LETTERS		
Number	Title	Comment
98-01	Year 2000 Readiness of Computer Systems At Nuclear Power Plants	Not Applicable Administrative issues
98-01, S1	Year 2000 Readiness of Computer Systems At Nuclear Power Plants	Not Applicable Administrative issue
98-02	Loss of Reactor Coolant Inventory And Associated Potential For Loss of Emergency Mitigation Functions While In A Shutdown Condition	Not Applicable AP1000 does not rely on pumps for emergency core cooling
98-03	NMSS Licensees' and Certificate Holders' Year 2000 Readiness Programs	Not applicable to commercial nuclear power plants.
98-04	Potential for Degradation of the Emergency Core Cooling System and the Containment Spray System After a Loss-of-Coolant Accident Because of Construction and Protective Coating Deficiencies and Foreign Material In Containment	DCD 6.1.2
98-05	Boiling Water Reactor Licensees Use of the BWRVIP-05 Report to Request Relief From Augmented Examination Requirements on Reactor Pressure Vessel Circumferential Shell Welds	Not Applicable BWR only
99-01	Recent Nuclear Material Safety and Safeguards Decision on Bundling Exempt Quantities	Not applicable to commercial nuclear power plants.
99-02	Laboratory Testing of Nuclear-Grade Activated Charcoal	Not Applicable Procedural issue

4 I. E. CIRCULARS

I. E. CIRCULARS		
Number	Title	Comment
80-01	Service Advice for General Electric Induction Disc Relays (1/80)	Not Applicable Procurement issue
80-02	Nuclear Power Plant Staff Work Hours (2/80)	Not Applicable Administrative issue
80-03	Protection from Toxic Gas Hazards (3/80)	DCD Section 6.4, 2.2
80-04	Securing of Threaded Locking Devices on Safety-Related Equipment (3/80)	Not Applicable Maintenance/Installation issue
80-05	Emergency Diesel Generator Lubricating Oil Addition and Onsite Supply (4/80)	Not Applicable The diesel operators for the AP1000 are not safety-related DCD Section 8.3.1
80-06	Control and Accountability Systems for Implant Therapy Devices (4/80)	Not applicable to commercial nuclear power plants
80-07	Problems with HPCI Turbine Oil System (4/80)	Not Applicable BWR only
80-08	BWR Technical Specification Inconsistencies - RPS Response Time (4/80)	Not Applicable BWR only
80-09	Problems with Plant Internal Communications Systems (4/80)	DCD Section 9.5.2
80-10	Failure to Maintain Environmental Qualification of Equipment (4/80)	Not Applicable Procedure issue
80-11	Emergency Diesel Generator Lube Oil Cooler Failures (5/80)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1.
80-12	Valve-Shaft-To-Actuator Key May Fall Out of Place When Mounted Below Horizontal Axis (5/80)	Not Applicable AP1000 does not have PORV
80-13	Grid Strap Damage in Westinghouse Fuel Assemblies (5/80)	Not Applicable Fuel Handling Procedure
80-14	Radioactive Contamination of Plant Demineralized Water System and Resultant Internal Contamination of Personnel (6/80)	Not Applicable Procurement issue
80-15	Loss of Reactor Coolant Pump Cooling and Natural Circulation Cooldown (6/80)	Not Applicable Procedural/Training issue
80-16	Operational Deficiencies in Rosemount Model 510DU Trip Units and Model 1152 Pressure Transmitters (6/80)	Not Applicable Procurement issue

I. E. CIRCULARS		
Number	Title	Comment
80-17	Fuel Pin Damage Due to Water Jet from Baffle Plate Corner (7/80)	Not Applicable AP1000 does not have this configuration
80-18	10 CFR 50.59 Safety Evaluation for Changes to Radioactive Waste Treatment Systems (8/80)	Not Applicable Part of COL
80-19	Noncompliance with License Requirements for Medical Licensees (8/80)	Not applicable to commercial nuclear power plants
80-20	Changes in Safe-Slab Tank Dimensions (8/80)	Not applicable to commercial nuclear power plants
80-21	Regulation of Refueling Crews (9/80)	DCD Section 3.10
80-22	Confirmation of Employee Qualification (10/80)	Not Applicable Administrative communication
80-23	Potential Defects in Beloit Power Systems Emergency Generators (10/80)	Not Applicable Procurement issue
80-24	AECL Teletherapy Unit Malfunctions (12/80)	Not applicable to commercial nuclear power plants
80-25	Case Histories of Radiography Events (12/80)	Not applicable to commercial nuclear power plants
81-01	Design Problems Involving Indicating Pushbutton Switches Manufactured by Honeywell Incorporated (1/81)	Not Applicable Procurement issue
81-02	Performance of NRC-Licensed Individuals While on Duty (2/81)	Not Applicable Administrative communication
81-03	Inoperable Seismic Monitoring Instrumentation (3/81)	Not Applicable Maintenance issue
81-04	The Role of Shift Technical Advisors and Importance of Reporting Operational Events (4/81)	Not Applicable Administrative communication
81-05	Self-Aligning Rod End Busing for Pipe Supports (3/81)	Not Applicable Procurement issue
81-06	Potential Deficiency Affecting Certain Foxboro 10 to 50 Milliamper Transmitters (4/81)	Not Applicable Procurement issue
81-07	Control of Radioactively Contaminated Material (5/81)	Not Applicable Administrative/Training issue
81-08	Foundation Materials (5/81)	Not Applicable Procurement/Installation issue
81-09	Containment Effluent Water That Bypasses Radioactivity Monitor (7/81)	DCD Section 6.2.3

I. E. CIRCULARS		
Number	Title	Comment
81-10	Steam Voiding in the Reactor Coolant System During Decay Heat Removal Cooldown (7/81)	Not Applicable Procedural issue
81-11	Inadequate Decay Heat Removal During Reactor Shutdown (7/81)	Not Applicable BWR only
81-12	Inadequate Periodic Test Procedures of PAR Protection System (7/81)	DCD Section 7.1.2.2.4
81-13	Torque Switch Electrical Bypass Circuit for Safeguard Service Valve Motors (9/81)	Not Applicable Installation issue
81-14	Main Steam Isolation Valve Failure to Close (11/81)	DCD Section 9.3.1
81-15	Unnecessary Radiation Exposure to the Public and Workers During Events Involving Thickness and Level Measuring Devices (12/81)	Not Applicable Procedural issue

5 INFORMATION NOTICES

INFORMATION NOTICES		
Number	Title	Comment
80-01	Fuel Handling Events (1/80)	DCD Section 9.1.4
80-02	8 X 8R Water Rod Lower End Plug Wear (1/80)	Not Applicable BWR only
80-03	Main Turbine Electrohydraulic Control System (1/80)	Not Applicable Procurement issue
80-04	BWR Fuel Exposure in Excess of Limits (2/80)	Not Applicable BWR only
80-05	Chloride Contamination of Safety-Related Piping and Components (2/80)	Not Applicable Procurement issue
80-06	Notification of Significant Events (2/80)	Not Applicable Administrative issue
80-06 S1	Notification of Significant Events (4/80)	Not Applicable Administrative issue
80-07	Pump Shaft Fatigue Cracking (2/80)	Not Applicable Procurement issue No safety-related pumps
80-08	The States Company Sliding Link Electrical Terminal Block (3/80)	Not Applicable Procurement issue
80-09	Possible Occupational Health Hazard Associated with Closed Cooling Systems for Operating Power Plants (3/80)	Not Applicable Maintenance issue
80-10	Partial Loss of Non-Nuclear Instrument System Power Supply During Operation (3/80)	Not Applicable Procurement issue
80-11	Generic Problems with Asco Valves in Nuclear Applications Including Fire Protection Systems (3/80)	Not Applicable Procurement/maintenance issue
80-12	Instrument Failure Causes Opening of PORV and Block Valve (3/80)	AP1000 does not have PORV
80-13	General Electrical Type SBM Control Switches Defective Cam Followers (4/80)	Not Applicable Procurement issue
80-14	Safety Suggestions from Employees (4/80)	Not Applicable Administrative communication
80-15	Axial (Longitudinal) Oriented Cracking in Piping (4/80)	Not Applicable Part of COL Surveillance issue
80-16	Shaft Seal Packing Causes Binding in Main Steam Swing Disc Check and Isolation Valves (4/80)	Not Applicable Procurement/maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
80-17	Potential Hazards Associated with Interchangeable Parts on Radiographic Equipment (5/80)	Not applicable to commercial nuclear power plants
80-18	Possible Weapons Smuggling Pouch (5/80)	Not Applicable Administrative/Procedural issue
80-19	NIOSH Recall of Recirculating-Mode (Closed Circuit) Self-Contained Breathing Apparatus (Rebreather) (5/80)	Not Applicable Procurement issue
80-20	Loss of Decay Heat Removal Capability at Davis-Besse Unit 1 While in a Refueling Mode (5/80)	Not Applicable Procedural/Maintenance issue
80-21	Anchorage and Support of Safety-Related Electrical Equipment (5/80)	DCD Section 3.10
80-22	Breakdowns in Containment Control Programs (5/80)	Not Applicable Procedural issue
80-23	Loss of Suction to Emergency Feedwater Pumps (5/80)	Not Applicable AP1000 has no safety-related EFW or similar safety-related system
80-24	Low-Level Radioactive Waste Burial Criteria (5/80)	Not Applicable Administrative communication
80-25	Transportation of Pyrophoric Uranium (5/80)	Not Applicable Administrative communication
80-26	Evaluation of Contractor QA Program (6/80)	Not Applicable Administrative communication
80-27	Degradation of Reactor Coolant Pump Studs (6/80)	Not Applicable Procurement/Maintenance issue
80-28	Prompt Reporting of Information in Accordance with 10 CFR 50.55(e) (6/80)	Not Applicable Administrative communication
80-29	Broken Studs on Terry Turbine Steam Inlet Flange (8/80)	Not Applicable AP1000 has no Terry Turbine pumps
80-29 S1	Broken Studs on Terry Turbine Steam Inlet Flange (11/80)	Not Applicable AP1000 has no Terry Turbine pumps
80-30	Potential for Unacceptable Interaction Between the Control Rod Drive Scram Function and Non-Essential Control Air at Certain GE BWR Facilities (8/80)	Not Applicable BWR only
80-31	Maloperation of Gould-Brown Boveri 480 Volt - Type K-600S and K-DON 600S Circuit Breakers (8/80)	Not Applicable Procurement issue
80-32	Clarification of Certain Requirements for Exclusive-Use Shipments of Radioactive Materials (8/80)	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
80-32 R1	Clarification of Certain Requirements for Exclusive-Use Shipments of Radioactive Materials (2/82)	Not Applicable Administrative communication
80-33	Determination of Teletherapy Timer Accuracy (9/80)	Not applicable to commercial nuclear power plants
80-34	Boron Dilution of Reactor Coolant During Steam Generator Decontamination (9/80)	Not Applicable Maintenance/Procedural issue
80-35	Leaking and Dislodged Iodine-125 Implant Seeds (10/80)	Not applicable to commercial nuclear power plants
80-35 S1	Leaking and Dislodged Iodine-125 Implant Seeds (10/82)	Not applicable to commercial nuclear power plants
80-36	Failure of Steam Generator Support Bolting (10/80)	Not Applicable Procurement/Maintenance issue
80-37	Containment Cooler Leaks and Reactor Cavity Flooding at Indian Point Unit 2 (10/80)	Not Applicable Part of COL Surveillance issue
80-38	Cracking in Charging Pump Casing Cladding (10/80)	Not Applicable Procurement/Maintenance issue
80-39	Malfunction of Solenoid Valves Manufactured By Valcor Engineering Corporation (10/80)	Not Applicable Procurement issue
80-40	Excessive Nitrogen Supply Pressure Actuates Safety-Relief Valve Operation to Cause Reactor Depressurization (11/80)	Not Applicable Procurement/Installation issue
80-41	Failure of Swing Check Valve in the Decay Heat Removal System at Davis-Besse Unit No. 1 (11/80)	Not Applicable Procurement/Maintenance issue
80-42	Effect of Radiation on Hydraulic Snubber Fluid (11/80)	Not Applicable Procurement issue
80-43	Failures of the Continuous Water Level Monitor for the Scram Discharge Volume at the Dresden Unit No. 2 (12/80)	Not Applicable BWR only
80-44	Actuation of the ECCS in the Recirculation Mode While in Hot Shutdown (12/80)	Not Applicable AP1000 has no safety-related pumps
80-45	Potential Failures of BWR Backup Manual Scram Capability (12/80)	Not Applicable BWR only
81-01	Possible Failures of General Electric Type HFA Relays (1/81)	Not Applicable Procurement issue
81-02	Transportation of Radiography Devices (1/81)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
81-03	Checklist for Licensees Making Notifications of Significant Events in Accordance with 10 CFR 50.72 (2/81)	Not Applicable Administrative communication
81-04	Cracking in Main Steam Lines (2/81)	Not Applicable Part of COL Surveillance issue
81-05	Degraded DC System at Palisades (3/81)	Not Applicable Maintenance/Personnel issue
81-06	Failure of ITE Model K-600 Circuit Breaker (3/81)	Not Applicable Procurement issue
81-07	Potential Problem with Water-Soluble Purge Dam Materials Used During Inert Gas Welding (3/81)	Not Applicable Procedural issue
81-08	Repetitive Failures of Limitorque Operator SMB-4 Motor-To-Shaft Key (3/81)	Not Applicable Procurement issue
81-09	Degradation of Residual Heat Removal (RHR) System (3/81)	DCD Section 16.2
81-10	Inadvertent Containment Spray Due to Personnel Error (3/81)	Not Applicable AP1000 has no containment spray system
81-11	Alternate Rod Insertion For BWR Scram Represents a Potential Path for Loss of Primary Coolant (3/81)	Not Applicable BWR only
81-12	Guidance on Order Issued January 9, 1981 Regarding Automatic Control Rod Insertion on Low Control Air Pressure (3/81)	Not Applicable BWR only
81-13	Jammed Source Rack in a Gamma Irradiator (4/81)	Not applicable to commercial nuclear power plants
81-14	Potential Overstress of Shafts on Fisher Series 9200 Butterfly Valve with Expandable T Rings (4/81)	Not Applicable Procurement issue
81-15	Degradation of Automatic ECCS Actuation Capability By Isolation of Instrument Lines (4/81)	Not Applicable Surveillance issue DCD Section 16.1
81-16	Control Rod Drive System Malfunctions (4/81)	Not Applicable BWR only
81-17	No Title (no date)	Not issued
81-18	Excessive Radiation to the Fingers of Three Individuals Incurred During Cleaning and Wipe Testing of Radioactive Sealed Sources at a Sealed-source Manufacturing Facility (6/81)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
81-19	Lost Parts in Primary Coolant System (7/81)	Not Applicable Part of COL Surveillance/Procedural issue
81-20	Test Failures of Electrical Penetration Assembly (7/81)	Not Applicable Procurement issue
81-21	Potential Loss of Direct Access to Ultimate Heat Sink (7/81)	Not Applicable BWR only
81-22	Section 235 and 236 Amendments to the Atomic Energy Act of 1954 (7/81)	Not Applicable Administrative issue
81-23	Fuel Assembly Damaged Due to Improper Positioning of Handling Equipment (8/81)	Not Applicable Procedural issue
81-24	Auxiliary Feed Pump Turbine Bearing Failure (8/81)	Not Applicable The AP1000 has no safety-related pumps/auxiliary feed is a nonsafety-related system
81-25	Open Equalizing of Differential Pressure Transmitter Causes Reactor Scram and Loss of Redundant Safety Signals (8/81)	Not Applicable Procedural issue
81-26	Compilation of Health Physics Related Information Items (9/81)	Not Applicable Procedural issue
81-26 S1	Clarification of Placement of Personnel Monitoring Devices for External Radiation	Not Applicable Procedural issue
81-27	Flammable Gas Mixtures in the Waste Gas Decay Tanks in PAR Plants (9/81)	Not Applicable AP1000 has no gas decay tanks
81-28	Failure of Rockwell-Edward Main Steam Isolation Valves (9/81)	Not Applicable Procurement issue
81-29	Equipment Qualification Testing Experience (9/81)	Not Applicable Procurement issue
81-30	Velan Swing Check Valves (9/81)	Not Applicable Procurement issue
81-31	Failure of Safety Injection Valves to Open Against Differential Pressure (10/81)	Not Applicable DCD Section 3.9.6.2 Procurement/Surveillance issue
81-32	Transfer and/or Disposal of Spent Generators (10/81)	Not applicable to commercial nuclear power plants
81-33	Locking Devices Inadequately Installed on Main Steam Isolation Valves (11/81)	Not Applicable Procurement issue
81-34	Accidental Actuation of Prompt Public Notification System (11/81)	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
81-35	Check Valve Failures (12/81)	Not Applicable Procurement issue
81-36	Replacement Diaphragms For Robertshaw Valve (Model No. VC-210) (12/81)	Not Applicable Procurement issue
81-37	UnneceDCDy Radiation Exposure to the Public and Workers During Events Involving Thickness and Level Measuring Devices (12/81)	Not Applicable Procedural issue
81-37 R1	UnneceDCDy Radiation Exposures to the Public and Workers During Events Involving Thickness and Level Measuring Devices	Not Applicable Procedural issue
81-38	Potential Significant Equipment Failures Resulting From Contamination of Air-operated Systems (12/81)	Not Applicable Part of COL Surveillance issue
81-39	EPA Crosscheck Program - Low Level Radioiodine in Water Intercomparison Study (12/81)	Not Applicable Administrative communication
82-01	Auxiliary Feedwater Pump Lockout Resulting From Westinghouse W-2 Switch Circuit Modification (1/82)	Not Applicable Procurement issue
82-01 R1	Auxiliary Feedwater Pump Lockout Resulting From Westinghouse W-2 Switch Circuit Modification (2/82)	Not Applicable Procurement issue
82-02	Westinghouse Nbfd Relay Failures in Reactor Protection Systems at Certain Nuclear Power Plants (1/82)	Not Applicable Procurement issue
82-03	Environmental Tests of Electrical Terminal Blocks (3/82)	Not Applicable Maintenance issue
82-04	Potential Deficiencies of Certain Agastat E-7000 Series Time Delay Relays (3/82)	Not Applicable Procurement issue
82-05	Increasing Frequency of Drug-Related Incidents (3/82)	Not Applicable Administrative communication
82-06	Failure of Steam Generator Primary Side Manway Closure Studs (3/82)	Not Applicable Maintenance issue
82-07	Inadequate Security Screening Programs (3/82)	Not Applicable Administrative communication
82-08	Check Valve Failures on Diesel Generator Engine Cooling System (3/82)	DCD Section 16.2
82-09	Cracking of Piping of Makeup Coolant Lines at B&W Plants (3/82)	Not Applicable Part of COL Surveillance issue

INFORMATION NOTICES		
Number	Title	Comment
82-10	Following Up Symptomatic Repairs to Assure Resolution of the Problem (3/82)	Not Applicable Administrative communication
82-11	Potential Inaccuracies in Wide Range Pressure Instruments Used in Westinghouse Designed Plants (4/82)	DCD Section 3.11, Appendix 3D
82-12	Surveillance of Hydraulic Snubbers (4/82)	Not Applicable Part of COL Surveillance/Procurement issue
82-13	Failures of General Electric Type HFA Relays (5/82)	Not Applicable Procurement issue
82-14	TMI-1 Steam Generator/Reactor Coolant System Chemistry/Corrosion Problem (5/82)	Not Applicable Part of COL Surveillance/Procedural issue
82-15	Notification of the Nuclear Regulatory Commission (NRC) (5/82)	Not Applicable Administrative communication
82-16	HPCI/RCIC High Steam Flow Setpoints (5/82)	Not Applicable Procedural issue
82-17	Overpressurization of Reactor Coolant System (6/82)	DCD Section 3.9.1.1.2.6
82-18	Assessment of Intakes of Radioactive Material by Workers (6/82)	Not Applicable Administrative communication
82-19	Loss of High Head Safety Injection Emergency Boration and Reactor Coolant Makeup Capability (6/82)	Not Applicable AP1000 has no safety-related pumps
82-20	Check Valve Problems (6/82)	Not Applicable Procurement/Maintenance issue
82-21	Buildup of Enriched Uranium in Effluent Treatment Tanks (6/82)	Not applicable to commercial nuclear power plants
82-22	Failures in Turbine Exhaust Lines (7/82)	Not Applicable Part of COL Surveillance issue
82-23	Main Steam Isolation Valve (MSIV) Leakage (7/82)	Not Applicable BWR only
82-24	Water Leaking From Uranium Hexafluoride Overpacks (7/82)	Not applicable to commercial nuclear power plants
82-25	Failures of Hiller Actuators Upon Gradual Loss of Air Pressure (7/82)	Not Applicable Procurement issue
82-26	RCIC and HPCI Turbine Exhaust Check Valve Failures (7/82)	Not Applicable BWR only

INFORMATION NOTICES		
Number	Title	Comment
82-27	Fuel Rod Degradation Resulting from Baffle Water Jet Impingement (8/82)	Not Applicable Plant specific issue
82-28	Hydrogen Explosion While Grinding in the Vicinity of Drained and Open Reactor Coolant System (7/82)	Not Applicable Procedural issue
82-29	Control Rod Drive (CRD) Guide Tube Support Pin Failures at Westinghouse PWRs (7/82)	Not Applicable Isolated issue
82-30	Loss of Thermal Sleeves in Reactor Coolant System Piping at Certain Westinghouse PAR Power Plants (7/82)	Not Applicable AP1000 has not thermal sleeves
82-31	Overexposure of Diver During Work in Fuel Storage Pool (7/82)	Not Applicable Procedural issue
82-32	Contamination of Reactor Coolant System by Organic Cleaning Solvents (8/82)	Not Applicable Procedural issue
82-33	Control of Radiation Levels in Unrestricted Areas Adjacent to Brachytherapy Patients (8/82)	Not applicable to commercial nuclear power plants
82-34	Welds in Main Control Panel (8/82)	Not Applicable Procurement issue
82-34 R1	Welds in Main Control Panel (9/82)	Not Applicable Procurement issue
82-35	Failure of Three Check Valves on High Pressure Injection Lines to Pass Flow (8/82)	Not Applicable Procurement issue
82-36	Respirator Users Warning for Certain 5-Minute Emergency Escape Self-Contained Breathing Apparatus (9/82)	Not Applicable Procurement issue
82-37	Cracking in the Upper Shell to Transition Cone Girth Weld of a Steam Generator at a Operating Pressurized Water Reactor (9/82)	Not Applicable Surveillance issue weld relocated
82-38	Changes in Format and Distribution Systems for IE Bulletins, Circulars, and Information Notices (9/82)	Not Applicable Administrative communication
82-39	Service Degradation of Thick Wall Stainless Steel Recirculation System Piping at a BWR Plant (9/82)	Not Applicable BWR only
82-40	Deficiencies in Primary Containment Electrical Penetration Assemblies (9/82)	Not Applicable Procurement issue
82-41	Failure of Safety/Relief Valves to Open at a BWR (10/82)	Not Applicable Procurement issue
82-42	Defects Observed in Panasonic Model 801 and Model 802 Thermoluminescent Dosimeters (11/82)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
82-43	Deficiencies in LWR Air Filtration/Ventilation Systems (11/82)	Not Applicable Part of COL Maintenance/Surveillance issue
82-44	Clarification of Emergency Plan Exercise Requirements (11/82)	Not Applicable Administrative communication
82-45	PAR Low Temperature Overpressure Protection (11/82)	DCD Section 3.9.1.1.2.6
82-46	Defective and Obsolete Padlocks (11/82)	Not Applicable Procurement issue
82-47	Transportation of Type A Quantities of Non-Fissile Radioactive Material (11/82)	Not Applicable Administrative communication
82-48	Failures of Agastat CR 0095 Relay Sockets (12/82)	Not Applicable Procurement issue
82-49	Correction for Sample Conditions for Air and Gas Monitoring (12/82)	DCD Sections 11.5.2 and 11.5.3
82-50	Modification of Solid State AC Undervoltage Relays Type ITE-27 (12/82)	Not Applicable Procurement issue
82-51	Overexposures in PAR Cavities (12/82)	Not Applicable Procedural issue
82-52	Equipment Environmental Qualification Testing Experience - Updating of Test Summaries Previously Published in IN-29 (12/82)	Not Applicable Procurement issue/DCD Section 3.11
82-53	Main Transformer Failures at the North Anna Nuclear Power Station (12/82)	Not Applicable Procurement/Maintenance issue
82-54	Westinghouse NBFDR Relay Failures in Reactor Protection Systems (12/82)	Not Applicable Procurement issue
82-55	Seismic Qualification of Westinghouse AR Relay with Latch Attachments Used in Westinghouse Solid State Protection System (12/82)	Not Applicable Procurement issue
82-56	Robertshaw Thermostatic Flow Control Valves (12/82)	Not Applicable Procurement issue
83-01	Ray Miller, Inc. (1/83)	Not Applicable Procurement issue
83-01 S1	Ray Miller, Inc. (4/83)	Not Applicable Procurement issue
83-02	Limiterorque H0BC, H1BC, H2BC and H3BC Gearheads (1/83)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
83-03	Calibration of Liquid Level Instruments (1/83)	Not Applicable Procedural/Training issue
83-04	Failure of ELMA Power Supply Units (1/83)	Not Applicable Procurement issue
83-05	Obtaining Approval for Disposing of Very-Low-Level Radioactive Waste - 10 CFR Section 20.302 (2/83)	Not Applicable Administrative communication
83-06	Nonidentical Replacement Parts (2/83)	Not Applicable Procurement issue
83-07	Nonconformities with Materials Supplied by Tube Line Corporation (3/83)	Not Applicable Procurement issue
83-08	Component Failures Caused by Elevated DC Control Voltage (3/83)	Not Applicable Procurement issue
83-09	Safety and Security of Irradiators (3/83)	Not applicable to commercial nuclear power plants
83-10	Clarification of Several Aspects Relating to Use of NRC-Certified Transport Packages (3/83)	Not Applicable Administrative communication
83-11	Possible Seismic Vulnerability of Old Lead Storage Batteries (3/83)	DCD Sections 3.10, 3.11, Appendix 3D
83-12	Incorrect Boron Standards (3/83)	Not Applicable Procurement issue
83-13	Design Misapplication of Bergen-Patterson Standard Strut Restraint Clamp (3/83)	Not Applicable Procurement issue
83-14	Dewatered Spent Ion Exchange Resin Susceptibility to Exothermic Chemical Reaction (3/83)	Not Applicable Procedural issue
83-15	Falsified Pre-Employment Screening Records (3/83)	Not Applicable Administrative communication
83-16	Contamination of the Auburn Steel Company Property with Cobalt-60 (3/83)	Not applicable to commercial nuclear power plants
83-17	Electrical Control Logic Problem Resulting in Inoperable Auto-Start of Emergency Diesel Generator Units (3/83)	DCD Section 8.3.1.1.2.1
83-18	Failures of the Undervoltage Trip Function of Reactor Trip System Breakers (4/83)	Not Applicable Procurement/Maintenance issue
83-19	General Electric Type HFA Relay Contact Gap and Wipe Setting Adjustments (4/83)	Not Applicable Procurement/Maintenance issue
83-20	ITT Grinnell Figure 306/307 Mechanical Snubber Attachment Interference (4/83)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
83-21	Defective Emergency-Use Respirator (4/83)	Not Applicable Procurement issue
83-22	Boiling Water Reactor Safety/Relief Valve Failures (4/83)	Not Applicable Procurement issue/BWR only
83-23	Inoperable Containment Atmosphere Sensing Systems (4/83)	Not Applicable Procedural issue
83-24	Loose Parts in the Secondary Side of Steam Generators at Pressurized Water Reactors (4/83)	Not Applicable Part of COL Installation/Surveillance issue
83-25	Standby Gas Treatment System Heater High Temperature Trip Setpoint Adjustment (4/83)	Not Applicable Procurement issue
83-26	Failure of Safety/Relief Valve Discharge Line Vacuum Breakers (5/83)	Not Applicable BWR only
83-27	Operational Response to Events Concerning Deliberate Acts Directed Against Plant Equipment (5/83)	Not Applicable Procedural issue
83-28	Criteria for Protective Action Recommendations for General Emergencies (5/83)	Not Applicable Part of COL
83-29	Fuel Binding Caused by Fuel Rack Deformation (5/83)	DCD Section 9.1.2.2.1
83-30	Misapplication of Generic Emergency Operating Procedures (EOP) Guidelines (5/83)	DCD Section 18.9.8.1.1.3
83-31	Error in the ADLPIPE Computer Program (5/83)	Not Applicable Procurement issue
83-32	Rupture of Americium-241 Source(s) Contained in a Well-logging Device (5/83)	Not applicable to commercial nuclear power plants
83-33	Nonrepresentative Sampling of Contaminated Oil (5/83)	Not Applicable Procedural issue
83-34	Event Notification Information Worksheet (5/83)	Not Applicable Administrative communication
83-35	Fuel Movement with Control Rods Withdrawn at BWRs (5/83)	Not Applicable BWR only
83-36	Impact of Security Practices on Safe Operations (6/83)	DCD Section 13.6.3.2
83-37	Transformer Failure Resulting from Degraded Internal Connection Cables (6/83)	Not Applicable Installation issue

INFORMATION NOTICES		
Number	Title	Comment
83-38	Defective Heat Sink Adhesive and Seismically Induced Chatter in Relays within Printed Circuit Cards (6/83)	Not Applicable Procurement issue
83-39	Failure of Safety/Relief Valves to Open at BWR - Interim Report (6/83)	Not Applicable Procurement issue
83-40	Need to Environmentally Qualify Epoxy Grouts and Sealers (6/83)	Not Applicable Procurement issue
83-41	Actuation of Fire Suppression System Causing Inoperability of Safety-Related Equipment (6/83)	DCD Section 9.5.1.3
83-42	Reactor Mode Switch Malfunctions (6/83)	Not Applicable BWR only
83-43	Improper Settings of Intermediate Range (IR) High Flux Trip Setpoints (6/83)	Not Applicable Procedural issue
83-44	Potential damage to Redundant Safety Equipment as a result of Backflow Through the Equipment and Floor Drain System (7/83)	DCD Section 9.3.5
83-44 S1	Potential damage to Redundant Safety Equipment as a result of Backflow Through the Equipment and Floor Drain System (8/90)	DCD Section 9.3.5
83-45	Environmental Qualification Test of General Electric Company "CR-2940" Position Selector Control Switch (7/83)	Not Applicable Procurement issue
83-46	Common Mode Valve Failures Degrade Surry's Recirculation Spray Subsystem (7/83)	Not Applicable AP1000 has no recirculation spray system
83-47	Failure of Hydraulic Snubbers as a Result of Contaminated Hydraulic Fluid (7/83)	Not Applicable Procurement issue
83-48	Gaseous Effluent Releases of Radioactive Iodine-125 and Iodine-131 in Excess of Nuclear Regulatory Commission Limits (7/83)	Not applicable to commercial nuclear power plants
83-49	Sampling and Prevention of Intrusion of Organic Chemicals into Reactor Coolant Systems (7/83)	DCD Section 9.3.3.2
83-50	Failures of Class 1E Safety-Related Switchgear Circuit Breakers to Close on Demand (8/83)	DCD Section 16.2
83-51	Diesel Generator Events (8/83)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
83-52	Radioactive Waste Gas System Events (8/83)	Not Applicable Procurement/Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
83-53	Primary Containment Isolation Valve Discrepancies (8/83)	Not Applicable BWR only
83-54	Common Mode Failure of Main Steam Isolation Nonreturn Valves (8/83)	Not Applicable AP1000 has no nonreturn valves
83-55	Misapplication of Valves by Throttling Beyond Design Basis (8/83)	Not Applicable B&W and CE plants only
83-56	Operability of Required Auxiliary Equipment (8/83)	Not Applicable Plant specific issue
83-57	Potential Misassembly Problem with Automatic Switch Company (ASCO) Solenoid Valve Model NP 8316 (8/83)	Not Applicable Procurement issue
83-58	Transamerica Delaval Diesel Generator Crankshaft Failure (8/83)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
83-59	Dose Assignment for Workers in Non-Uniform Radiation Fields (9/83)	Not Applicable Administrative communication
83-60	Falsification of Test Results for Protective Coatings (9/83)	Not Applicable Procurement issue
83-61	Alleged Use of Stand-Ins for Welder Qualification Tests (9/83)	Not Applicable Administrative communication
83-62	Failure of Redundant Toxic Gas Detectors Positioned at Control Room Ventilation Air Intakes (9/83)	Not Applicable Part of COL
83-63	Potential Failures of Westinghouse Electric Company Type SA-1 Differential Relays (9/83)	Not Applicable Procurement issue
83-63 S1	Potential Failures of Westinghouse Electric Company Type SA-1 Differential Relays (2/84)	Not Applicable Procurement issue
83-64	Lead Shielding Attached to Safety-Related Systems Without 10 CFR 50.59 Evaluations (9/83)	Not Applicable Administrative communication
83-65	Surveillance of Flow in RTD Bypass Loops Used in Westinghouse Plants (10/83)	Not Applicable AP1000 has no bypass loops
83-66	Fatality at Argentine Critical Facility (10/83)	Not applicable to commercial nuclear power plants
83-66 S1	Fatality at Argentine Critical Facility (5/84)	Not applicable to commercial nuclear power plants
83-67	Emergency-Use Respirator Material Defect Causes Production of Noxious Gases (10/83)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
83-68	Respirator User Warning - Defective Self-Contained Breathing Apparatus Air Cylinders (10/83)	Not Applicable Procurement issue
83-69	Improperly Installed Fire Dampers at Nuclear Power Plants (10/83)	Not Applicable Installation issue
83-70	Vibration-Induced Valve Failures (10/83)	Not Applicable Procurement/Maintenance issue
83-70 S1	Vibration-Induced Valve Failures (3/85)	Not Applicable Procurement/Maintenance issue
83-71	Defects in Load-Bearing Welds on Lifting Device for Vessel Head and Internals (10/83)	Not Applicable Procurement issue
83-72	Environmental Qualification Testing Experience (10/83)	Not Applicable Specific EQ test data Procurement issue
83-73	Radiation Exposure from Gloves Contaminated with Uranium Daughter Products (10/83)	Not applicable to commercial nuclear power plants
83-74	Rupture of Cesium-137 Sources Used in Well-Logging Operations (11/83)	Not applicable to commercial nuclear power plants
83-75	Improper Control Rod Manipulations (11/83)	Not Applicable Procedures/Training issue
83-76	Reactor Trip Breaker Malfunctions (Undervoltage Trip Devices on GE Type AK-2-25 Breakers) (11/83)	Not Applicable Procurement issue
83-77	Air/Gas Entrainment Events Resulting in System Failures (11/83)	Not Applicable AP1000 has no safety-related pumps
83-78	Apparent Improper Modification of a Component Affecting Plant Safety (11/83)	Not Applicable Procedural issue
83-79	Apparently Improper Use of Commercial Grade Components in Safety-Related Systems (11/83)	Not Applicable Procurement issue
83-80	Use of Specialized "Stiff" Pipe Clamps (11/83)	Not Applicable Installation issue
83-81	Entry Into High Radiation Areas Which Are Not Under Direct Surveillance (12/83)	Not Applicable Administrative communication
83-82	Failure of Safety/Relief Valves to Open at BWR - Final Report (12/83)	Not Applicable Procurement/Maintenance issue/BWR only
83-83	Use of Portable Radio Transmitters Inside Nuclear Power Plants (12/83)	Not Applicable Procurement issue
83-84	Cracked and Broken Piston Rods in Brown Boveri Electric Type 5HK Breakers (12/83)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
84-01	Excess Lubricant in Electric Cable Sheaths (1/84)	Not Applicable Procurement issue
84-02	Operating a Nuclear Power Plant at Voltage Levels Lower Than Analyzed (1/84)	Not Applicable AP1000 has no safety-related AC power
84-03	Compliance with Conditions of Licensee and Notification of Disability by Licensed Operators (1/84)	Not Applicable Administrative communication
84-04	Failure of Elastomer Seated Butterfly Valves Used Only During Cold Shutdowns (1/84)	Not Applicable Procurement/Maintenance issue
84-05	Exercise Frequency (1/84)	Not Applicable Administrative communication
84-05 R1	Exercise Frequency (3/84)	Not Applicable Administrative communication
84-06	Steam Binding of Auxiliary Feedwater Pumps (1/84)	Not Applicable AP1000 has no safety-related AFW or similar safety-related system/No steam driver pumps
84-07	Design-Basis Threat and Review of Vehicular Access Controls (2/84)	Not Applicable Administrative communication
84-08	10 CFR 50.7, "Employee Protection" (2/84)	Not Applicable Administrative communication
84-09	Lessons Learned from NRC Inspections of Fire Protection Safe Shutdown Systems (10 CFR 50, Appendix R) (2/84)	DCD Section 9.5.1
84-09 R1	Lessons Learned from NRC Inspections of Fire Protection Safe Shutdown Systems (10 CFR 50, Appendix R) (3/84)	Not Applicable Administrative communication
84-10	Motor Operated Valve Torque Switch Set Below the Manufacturer's Recommended Value (2/84)	Not Applicable Procedure issue
84-11	Training Program Deficiencies (2/84)	Not Applicable Administrative communication
84-12	Failure of Soft Seat Valve Seals (2/84)	Not Applicable Procurement/Installation issue
84-13	Potential Deficiencies in Motor Operated Valve Control Circuits and Annunciation (2/84)	DCD Section 8.3.2.1.1 and Appendix 1A
84-14	Highlights of Recent Transport Regulatory Revisions by DOT and NRC (3/84)	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
84-15	Reporting of Radiological Releases (3/84)	Not Applicable Administrative communication
84-16	Failure of Automatic Sprinkler System Valves to Operate (3/84)	Not Applicable Procurement issue
84-17	Problems with Liquid Nitrogen Cooling Components Below the Nil Ductility Temperature (3/84)	DCD Section 9.3.2.2.2
84-18	Stress Corrosion Cracking in Pressurized Water Reactor Systems (3/84)	DCD Section 5.4.2.4.3
84-19	Two Events Involving Unauthorized Entries into Reactor Cavities (3/84)	Not Applicable Administrative communication
84-20	Service Life of Relays in Safety-Related Systems (3/84)	Not Applicable Procurement issue
84-21	Inadequate Shutdown Margin (3/84)	Not applicable to commercial nuclear power plants
84-22	Deficiency in Comsip, Inc. Standard Bell Catalyst (3/84)	Not Applicable Procurement issue
84-23	Results of the NRC-Sponsored Qualification Methodology Research Test on ASCo Solenoid Valves (4/84)	Not Applicable Procurement issue
84-24	Physical Qualification of Individuals to Use Respiratory Protective Devices (4/84)	Not Applicable Part of COL
84-25	Recent Serious Violations of NRC Requirements by Radiography Licensees (4/84)	Not applicable to commercial nuclear power plants
84-26	Recent Serious Violations of NRC Requirements by Moisture Density Gauge Licensees (4/84)	Not applicable to commercial nuclear power plants
84-27	Recent Serious Violations of NRC Requirements by Medical Licensees (4/84)	Not applicable to commercial nuclear power plants
84-28	Recent Serious Violations of NRC Requirements by Well-Logging Licensees (4/84)	Not applicable to commercial nuclear power plants
84-29	General Electric Magne-Blast Circuit Breakers Problems (4/84)	Not Applicable Procurement/Maintenance issue
84-30	Discrepancies in Record Keeping and Material Defects in Bahnson Heating, Ventilation, and Air Conditioning Units (4/84)	Not Applicable Procurement issue
84-31	Increased Stroking time of Bettis Actuators Because of Swollen Ethylene-Propylene Rubber Seals and Seal Set (4/84)	Not Applicable Procurement/Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
84-32	Auxiliary Feedwater Sparger and Pipe Hanger Damage (4/84)	USI A-1 DCD Section 1.9.4.2.2
84-33	Main Steam Safety Valve Failures Caused by Failed Cotter Pins (4/84)	Not Applicable Procurement/Maintenance issue
84-34	Respirator User Warning: Defective Self-Contained Breathing Apparatus Air Cylinders (4/84)	Not Applicable Procurement issue
84-35	BWR Post Scram Drywell Pressurization (4/84)	Not Applicable BWR only
84-36	Loosening of Locking Nut on Limitorque Operator (5/84)	Not Applicable Procurement/Maintenance issue
84-36 S1	Loosening of Locking Nut on Limitorque Operator (9/84)	Not Applicable Procurement/Maintenance issue
84-37	Use of Lifted Leads and Jumpers During Maintenance or Surveillance Testing (5/84)	DCD Sections 7.1.4.2.10, Appendix 1A
84-38	Problems with Design, Maintenance, and Operation of Offsite Power Systems (5/84)	Not Applicable Part of COL
84-39	Inadvertent Isolation of Containment Spray Systems (5/84)	Not Applicable Procedural issue
84-40	Emergency Worker Doses (5/84)	Not Applicable Part of COL
84-41	IGSCC in BWR Plants (6/84)	Not Applicable BWR only
84-42	Equipment Availability for Conditions During Outages Not Covered by Technical Specifications (6/84)	DCD Section 16.2
84-43	Storage and Handling of Ophthalmic Beta Radiation Applicators (6/84)	Not applicable to commercial nuclear power plants
84-44	Environmental Qualification of Rockbestos Cables (6/84)	Not Applicable Procurement issue
84-45	Reversed Differential Pressure Instrument Sensing Lines (6/84)	Not Applicable Installation issue
84-46	Circuit Breaker Position Verification (6/84)	Not Applicable Procedural/Training issue
84-47	Environmental Qualification Tests of Electrical Terminal Blocks (6/84)	DCD Section 3.11, Appendix 3D
84-48	Failures of Rockwell International Globe Valves (6/84)	Not Applicable Procurement/Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
84-48 S1	Failures of Rockwell International Globe Valves (6/84)	Not Applicable Procurement/Maintenance issue
84-49	Intergranular Stress Corrosion Cracking Leading to Steam Generator Tube Failure (6/84)	DCD Section 5.4.2.4.3
84-50	Clarification of Scope of Quality Assurance Programs for Transport Packages Pursuant to 10 CFR 50, Appendix B (6/84)	Not Applicable Administrative issue
84-51	Independent Verification (6/84)	Not Applicable Administrative issue
84-52	Inadequate Material Procurement Controls on the Part of Licensees and Vendors (6/84)	Not Applicable Administrative/Procurement issue
84-52 S1	Inadequate Material Procurement Controls on the Part of Licensees and Vendors (5/85)	Not Applicable Administrative/Procurement issue
84-53	Information Concerning the Use of Loctite 242 and Other Anaerobic Adhesives/Sealants (7/84)	Not Applicable Procurement issue
84-54	Deficiencies in Design Base Documentation and Calculations Supporting Nuclear Power Plant Design (7/84)	Not Applicable Administrative communication
84-55	Seal Tables Leaks at PWRs (7/84)	Not Applicable Installation/Maintenance issue
84-55 S1	Seal Tables Leaks at PWRs (5/85)	Not Applicable Installation/Maintenance issue
84-56	Respirator Users Notice for Certain 5-Minute Emergency Escape Self-Contained Breathing Apparatus (7/84)	Not Applicable Procurement issue
84-57	Operating Experience Related to Moisture Intrusion in Safety-Related Electrical Equipment at Commercial Power Plants (7/84)	DCD Section 3.11, Appendix 3D
84-58	Inadvertent Defeat of Safety Function Caused by Human Error Involving Wrong Unit, Wrong Train, or Wrong System (7/84)	Not Applicable Administrative communication
84-59	Deliberate Circumventing of Station Health Physics Procedures (8/84)	Not Applicable Administrative communication
84-60	Failure of Air Purifying Respirator Filters to Meet Efficiency Requirements (8/84)	Not Applicable Procurement issue
84-61	Overexposure of Diver in Pressurized Water Reactor (PAR) Refueling Cavity (8/84)	Not Applicable Administrative communication
84-62	Therapy Misadministrations to Patients Undergoing Cobalt-60 Teletherapy Treatments (8/84)	Not applicable to nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
84-63	Defective RHR Replacement Piping (8/84)	Not Applicable Procurement issue
84-64	BWR High-Pressure Coolant Injection (HPCI) Initiation Seal-In and Indication (8/84)	Not Applicable BWR only
84-65	Underrated Fuses Which May Adversely Affect Operation of Essential Electrical Equipment (8/84)	Not Applicable Procurement issue
84-66	Undetected Unavailability of the Turbine-Driven Auxiliary Feedwater Train (8/84)	Not Applicable AP1000 has no turbine driven pumps
84-67	Recent Snubber Inservice Testing with High Failure Rates (8/84)	Inservice Testing Program DCD Section 3.9.3.4.3
84-68	Potential Deficiencies in Improperly Rated Field Wiring to Solenoid Valves (8/84)	Not Applicable Installation issue
84-69	Operation of Emergency Diesel Generators (8/84)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
84-69 S1	Operation of Emergency Diesel Generators (2/86)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
84-70	Reliance on Water Level Instrumentation with a Common Reference Leg (9/84)	DCD Section 7.1.4.2.2
84-70 S1	Reliance on Water Level Instrumentation with a Common Reference Leg (8/85)	DCD Section 7.1.4.2.2
84-71	Graphitic Corrosion of Cast Iron in Salt Water (9/84)	Not Applicable AP1000 has no safety-related service water system
84-72	Clarification of Conditions for Waste Shipments Subject to Hydrogen Gas Generation (9/84)	Not Applicable Administrative communication
84-73	Downrating of Self-Aligning Ball Bushings Used in Snubbers (9/84)	Not Applicable Procurement issue
84-74	Isolation of Reactor Coolant System from Low-Pressure Systems Outside Containment (9/84)	DCD Section 7.6.1
84-75	Calibration Problems - Eberline Instrument Model 6112B Analog Detectors (10/84)	Not Applicable Procurement/Procedural issue
84-76	Loss of All AC Power (10/84)	Not Applicable AP1000 has no safety-related AC power DCD Section 8.3.1.1

INFORMATION NOTICES		
Number	Title	Comment
84-77	Incident Involving Teletherapy Unit (AECL Eldorado-78) (10/84)	Not applicable to commercial nuclear power plants
84-78	Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment (11/84)	Not Applicable Procurement issue
84-79	Failure to Properly Install Steam Separator at Vermont Yankee (11/84)	Not Applicable BWR only
84-80	Plant Transients Induces By Failure of Non-Nuclear Instrumentation Power (11/84)	Not Applicable B&W facilities only
84-81	Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown and Startup (11/84)	Not Applicable BWR only
84-82	Guidance for Posting Radiation Areas (11/84)	Not Applicable Administrative communication
84-83	Various Battery Problems (11/84)	Not Applicable Maintenance issue
84-84	Deficiencies in Ferro-Resonant Transformers (11/84)	Not Applicable Procurement issue
84-84 R1	Deficiencies in Ferro-Resonant Transformers (4/85)	Not Applicable Procurement issue
84-85	Molybdenum Breakthrough from Technetium-99m Generators (11/84)	Not applicable to commercial nuclear power plants
84-86	Isolation Between Signals of the Protection System and Non-Safety-Related Equipment (11/84)	DCD Section 7.1.2.11
84-87	Piping Thermal Deflection Induced by Stratified Flow (12/84)	USI A-1 DCD Section 1.9.4.2.2
84-88	Standby Gas Treatment Systems Problems (12/84)	Not Applicable Procurement issue
84-89	Stress Corrosion Cracking in Nonsensitized Stainless Steel (12/84)	Not Applicable BWR only
84-90	Main Steam Line Break Effect on Environmental Qualification of Equipment (12/84)	DCD Section 3.11, Appendix 3D
84-91	Quality Control Problems of Meteorological Measurements Programs (12/84)	Not Applicable Procedural/Maintenance issue
84-92	Cracking of Flywheels on Cummings Fire Pump Diesel Engines (12/84)	Not Applicable Procurement issue
84-93	Potential for Loss of Water from the Refueling Cavity (12/84)	Not Applicable AP1000 has permanent seal

INFORMATION NOTICES		
Number	Title	Comment
84-94	Reconcentration of Radionuclides Involving Discharges into Sanitary Sewage Systems Permitted Under 10 CFR 20.303 (12/84)	Not applicable to commercial nuclear power plants
85-01	Continuous Supervision of Irradiators (1/85)	Not applicable to commercial nuclear power plants
85-02	Improper Installation and Testing of Pressure Differential Transmitters (1/85)	Not Applicable Installation issue
85-03	Separation of Primary Reactor Coolant Pump Shaft and Impeller (1/85)	Not Applicable Maintenance issue
85-03 S1	Separation of Primary Reactor Coolant Pump Shaft and Impeller (4/85)	Not Applicable Maintenance issue
85-04	Inadequate Management of Security Response Drills (1/85)	Not Applicable Administrative issue
85-05	Pipe Whip Restraints (1/85)	Not Applicable Procurement issue
85-06	Contamination of Breathing Air Systems (1/85)	Not Applicable Procedural issue
85-07	Contaminated Radiography Source Shipments (1/85)	Not applicable to commercial nuclear power plants
85-08	Industry Experience on Certain Materials Used in Safety-Related Equipment (1/85)	Not Applicable Part of COL Surveillance/Procedural issue
85-09	Isolation Transfer Switches and Post-Fire Shutdown Capability (1/85)	DCD Section 9A.3.1
85-10	Post-tensioned Containment Tendon Anchor Head Failure (2/85)	Not Applicable AP1000 does not have post-tensioned containment
85-10 S1	Post-tensioned Containment Tendon Anchor Head Failure (3/85)	Not Applicable AP1000 does not have post-tensioned containment
85-11	Licensee Programs for Inspection of Electrical Raceway and Cable Installations (2/85)	Not Applicable Installation/Inspection issue
85-12	Recent Fuel Handling Events (2/85)	Not Applicable Procedural issue
85-13	Consequences of Using Soluble Dams (2/85)	Not Applicable Maintenance issue
85-14	Failure of a Heavy Control Rod (B4C) Drive Assembly to Insert on a Trip Signal (2/85)	Not Applicable AP1000 has no B4C control rods

INFORMATION NOTICES		
Number	Title	Comment
85-15	Nonconforming Structural Steel for Safety-Related Use (2/85)	Not Applicable Procurement issue
85-16	Time/Current Trip Curve Discrepancy of ITE/Siemens-Allis Molded Case Circuit Breaker (2/85)	Not Applicable Procurement issue
85-17	Possible Sticking of ASCO Solenoid Valves (3/85)	Not Applicable Procurement issue
85-17 S1	Possible Sticking of ASCO Solenoid Valves (10/85)	Not Applicable Procurement issue
85-18	Failures of Undervoltage Output Circuit Boards in the Westinghouse Designed Solid State Protection System (3/85)	Not Applicable Procurement issue
85-18 S1	Failures of Undervoltage Output Circuit Boards in the Westinghouse Designed Solid State Protection System	Not Applicable Procurement issue
85-19	Alleged Falsification of Certifications and Alteration of Markings on Piping, Valves, and Fittings (3/85)	Not Applicable Procurement issue
85-20	Motor-Operated Valve Failures Due to Hammering Effect (3/85)	Not Applicable DCD Section 10.4.7.2.2 Procurement issue
85-20 S1	Motor-Operated Valve Failures Due to Hammering Effect (5/85)	Not Applicable DCD Section 10.4.7.2.2 Procurement issue
85-21	Main Steam Isolation Valve Closure Logic (3/85)	Not Applicable Plant specific issue
85-22	Failure of Limitorque Motor-Operator Valve Resulting from Incorrect Installation of Pinion Gear (3/85)	Not Applicable Procurement issue
85-23	Inadequate Surveillance and Post Maintenance and Post Modification System Testing (3/85)	Not Applicable Part of COL Surveillance issue
85-24	Failures of Protective Coatings in Pipes and Heat Exchangers (3/85)	Not Applicable Procurement issue
85-25	Consideration of Thermal Conditions in the Design and Installation of Supports for Diesel Generator Exhaust Silencers (4/85)	DCD Section 8.3.1.1.2.1
85-26	Vacuum Relief System for Boiling Water Reactor Mark I and Mark II Containments (4/85)	Not Applicable BWR only
85-27	Notifications to the NRC Operations Center and Reporting Events in Licensee Event Reports (4/85)	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
85-28	Partial Loss of AC Power and Diesel Generator Degradation (4/85)	DCD Section 16.2
85-29	Use of Unqualified Sources in Well Logging Applications (4/85)	Not applicable to commercial nuclear power plants
85-30	Microbiologically Induced Corrosion of Containment Service Water System (4/85)	DCD Section 16.2
85-31	Buildup of Enriched Uranium in Ventilation Ducts and Associated Effluent Treatment Systems (4/85)	Not applicable to commercial nuclear power plants
85-32	Recent Engine Failures of Emergency Diesel Generators (4/85)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
85-33	Undersized Nozzle-to-Shell Welded Joints in Tanks and Heat Exchangers Constructed Under the Rules of the ASME Boiler and Pressure Vessel Code (4/85)	Not Applicable Procurement issue
85-34	Heat Tracing Contributes to Corrosion Failure of Stainless Steel Piping (4/85)	DCD Section 9.3.6.1.2.3
85-35	Failure of Air Check Valves to Seat (4/85)	Not Applicable Procurement issue
85-35 S1	Failure of Air Check Valves to Seat (5/88)	Not Applicable Procurement issue
85-36	Malfunction of a Dry-Storage, Panoramic, Gamma Exposure Irradiator (5/85)	Not applicable to commercial nuclear power plants
85-37	Chemical Cleaning of Steam Generators at Millstone 2 (5/85)	Not Applicable Maintenance issue
85-38	Loose Parts Obstruct Control Drive Mechanism (5/85)	Not Applicable B&W facilities only
85-39	Auditability of Electrical Equipment Qualification Records at Licensees' Facilities (5/85)	DCD Sections 1.9 and 3.11
85-40	Deficiencies in Equipment Qualification Testing and Certification Process (5/85)	DCD Sections 1.9 and 3.11
85-41	Scheduling of Pre-Licensing Emergency Preparedness Exercises (5/85)	Not Applicable Administrative communication
85-42	Loose Phosphor in Panasonic 800 Series Badge Thermoluminescent Dosimeter (TLD) Elements (5/85)	Not Applicable Procurement issue
85-42 R1	Loose Phosphor in Panasonic 800 Series Badge Thermoluminescent Dosimeter (TLD) Elements (5/85)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
85-43	Radiography Events at Power Reactors (5/85)	Not Applicable Procedural issue
85-44	Emergency Communication System Monthly Test (5/85)	Not Applicable Surveillance issue Part of COL
85-45	Potential Seismic Interaction Involving the Movable In-Core Flux Mapping System Used in Westinghouse Designed Plants (6/85)	Not Applicable AP1000 does not have movable in-case flux mapping system
85-46	Clarification of Several Aspects of Removable Radioactive Surface Contamination Limits for Transport Packages (6/85)	Not Applicable Administrative communication
85-47	Potential Effect of Line-Induced Vibration on Certain Target Rock Solenoid-Operated Valves (6/85)	Not Applicable Procurement issue
85-48	Respirators Users Notice: Defective Self-Contained Breathing Apparatus Air Cylinders (6/85)	Not Applicable Procurement issue
85-49	Relay Calibration Problem (7/85)	Not Applicable Procurement issue
85-50	Complete Loss of Main and Auxiliary Feedwater at a PAR Designed by Babcock & Wilcox (7/85)	Not Applicable AP1000 has no safety-related AFW or similar safety-related system DCD Section 10.4.7
85-51	Inadvertent Loss or Improper Actuation of Safety-Related Equipment (7/85)	Not Applicable Procedural issue
85-52	Errors in Dose Assessment Computer Codes and Reporting Requirements Under 10 CFR Part 21 (7/85)	Not Applicable Procurement issue
85-53	Performance of Non-Licensed Individuals While on Duty (7/85)	Not Applicable Administrative issue
85-54	Teletherapy Unit Malfunctions (7/85)	Not applicable to commercial nuclear power plants
85-55	Revised Emergency Exercise Frequency Rule (7/85)	Not Applicable Part of COL
85-56	Inadequate Environmental Control for Components and Systems in Extended Storage or Layup (7/85)	Not Applicable Storage issue
85-57	Lost Iridium-192 Source Resulting in the Death of Eight Persons in Morocco (7/85)	Not applicable to commercial nuclear power plants
85-58	Failure of a General Electric Type AK-2-25 Reactor Trip Breaker (7/85)	Not Applicable Procurement issue
85-58 S1	Failure of a General Electric Type AK-2-25 Reactor Trip Breaker (11/85)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
85-59	Valve Stem Corrosion Failures (7/85)	Not Applicable Procurement issue
85-60	Defective Negative Pressure, Air-Purifying, Full Facepiece Respirators (7/85)	Not Applicable Procurement issue
85-61	Misadministrations to Patients Undergoing Thyroid Scans (7/85)	Not applicable to commercial nuclear power plants
85-61 S1	Misadministrations to Patients Undergoing Thyroid Scans (7/85)	Not applicable to commercial nuclear power plants
85-62	Backup Telephone Numbers to the NRC Operations Center (7/85)	Not Applicable Administrative communication
85-63	Potential for Common Mode Failures of Standby Gas Treatment System on Loss of Off-Site Power (7/85)	Not Applicable Procurement issue
85-64	BBC Brown Boveri Low Voltage K-Line Circuit Breakers, with Deficient Overcurrent Trip Devices Models OD-4 and 5 (7/85)	Not Applicable Procurement issue
85-65	Crack Growth in Steam Generator Girth Welds (7/85)	Not Applicable Surveillance issue weld relocated
85-66	Discrepancies Between As-Built Construction Drawings and Equipment Installations (8/85)	Not Applicable Installation issue
85-67	Valve-Shaft-to-Actuator Key May Fall Out of Place When Mounted Below Horizontal Axis (8/85)	Not Applicable Procurement issue
85-68	Diesel Generator Failure at Calvert Cliffs Nuclear Station Unit 1 (8/85)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
85-69	Recent Felony Conviction for Cheating on Reactor Operator Requalification Tests (8/85)	Not Applicable Training/Administrative issue
85-70	Teletherapy Unit Full Calibration and Qualified Expert Requirements (10 CFR 35.23 and 10 CFR 35.24) (8/85)	Not applicable to commercial nuclear power plants
85-71	Containment Integrated Leak Tests (8/85)	DCD Section 6.2.5
85-72	Uncontrolled Leakage of Reactor Coolant Outside Containment (8/85)	Not Applicable BWR only
85-73	Emergency Diesel Generator Control Circuit Logic Design Error (8/85)	DCD Section 8.3.1.1.2.1
85-74	Station Battery Problems (8/85)	Not Applicable Maintenance/Training issue

INFORMATION NOTICES		
Number	Title	Comment
85-75	Improperly Installed Instrumentation, Inadequate Quality Control and Inadequate Post Modification Testing (8/85)	Not Applicable Installation issue
85-76	Recent Water Hammer Events (9/85)	USI A-1 DCD Section 1.9.4.2.2
85-77	Possible Loss of Emergency Notification System Due to Loss of AC Power (9/85)	Not Applicable Part of COL
85-78	Event Notification (9/85)	Not Applicable Administrative communication
85-79	Inadequate Communication Between Maintenance, Operations, and Security Personnel (9/85)	Not Applicable Administrative communication
85-80	Timely Declaration of an Emergency Class, Implementation of an Emergency Plan, and Emergency Notifications (10/85)	Not Applicable Administrative communication
85-81	Problems Resulting in Erroneously High Reading with Panasonic 800 Series Thermoluminescent Dosimeters (10/85)	Not Applicable Procurement issue
85-82	Diesel Generator Differential Protection Relay Not Seismically Qualified (10/85)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
85-83	Potential Failures of General Electric PK-2 Test Blocks (10/85)	Not Applicable Procurement issue
85-84	Inadequate Inservice Testing of Main Steam Isolation Valves (10/85)	Not Applicable DCD Section 10.3.4.4 Surveillance issue
85-85	Systems Interaction Event Resulting in Reactor System Safety-Relief Valve Opening Following a Fire-Protection Deluge System Malfunction (10/85)	DCD Section 9.4.1
85-86	Lightning Strikes at Nuclear Power Generating Stations (11/85)	Not Applicable Part of COL
85-87	Hazards of Inerting Atmospheres (11/85)	Not Applicable AP1000 has no inerting atmospheres
85-88	Licensee Control of Contracted Service Providing Training (11/85)	Not Applicable Training issue
85-89	Potential Loss of Solid-State Instrumentation Following Failure of Control Room Cooling (11/85)	DCD Section 3.11, Appendix 3D
85-90	Use of Sealing Compounds in an Operating System (11/85)	Not Applicable Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
85-91	Load Sequencers for Emergency Diesel Generators (11/85)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
85-92	Surveys of Waste Before Disposal from Nuclear Reactor Facilities (12/85)	Not Applicable Administrative issue
85-93	Westinghouse Type DS Circuit Breakers, Potential Failure of Electric Closing Feature Because of Broken Spring Release Latch Lever (12/85)	Not Applicable Procurement issue
85-94	Potential for Loss of Minimum Flow Paths Leading to ECCS Pump Damage During a LOCA (12/85)	Not Applicable AP1000 has no ECCS pumps and other safety-related pumps
85-95	Leak of Reactor Water to Reactor Building Caused by Scram Solenoid Valve Problem (12/85)	Not Applicable BWR only
85-96	Temporary Strainers Left Installed in Pump Suction Piping (12/85)	Not Applicable Installation issue
85-97	Jail Term for Former Contractor Employee Who Intentionally Falsified Welding Inspection Records (12/85)	Not Applicable Procurement issue
85-98	Missing Jumpers from Westinghouse Reactor Protection System Cards for the Over-Power Delta Temperature Trip Function (12/85)	Not Applicable Maintenance/Procurement issue
85-99	Cracking in Boiling Water Reactor Mark I and II Containments Caused by Failure of the Inerting System (12/85)	Not Applicable BWR only
85-100	Rosemount Differential Pressure Transmitter Zero Point Shift (1/85)	Not Applicable Procurement issue
85-101	Applicability of 10 CFR 21 to Consulting Firm Providing Training (1/85)	Not Applicable Administrative communication
86-01	Failure of Main Feedwater Check Valve Causes Loss of Feedwater System Integrity and Water Hammer Damage (1/86)	DCD Section 10.4.7.2.2
86-02	Failure of Valve Operated Motor During Environmental Qualification Testing (1/86)	Not Applicable Procurement issue
86-03	Potential Deficiencies in Environmental Qualification of Limitorque Motor Valve Operator Wiring (1/86)	Not Applicable Procurement issue
86-04	Transient Due to Loss of Power to Integrated Control System at a Pressurized Water Reactor Designed by Babcock & Wilcox (1/86)	Not Applicable Plant specific issue

INFORMATION NOTICES		
Number	Title	Comment
86-05	Main Steam Safety Valve Test Failures and Ring Setting Adjustments (1/86)	Not Applicable Procurement issue
86-05 S1	Main Steam Safety Valve Test Failures and Ring Setting Adjustments (10/86)	Not Applicable Procurement issue
86-06	Failure of Lifting Rig Attachment While Lifting the Upper Guide Structure at St. Lucie Unit 1 (2/86)	Not Applicable Procedural issue
86-07	Lack of Detailed Instruction and Adequate Observance of Precautions During Maintenance and Testing of Diesel Generator Woodward Governors (2/86)	Not Applicable Maintenance issue
86-08	Licensee Event Report (LER) Format Modification (2/86)	Not Applicable Administrative communication
86-09	Failure of Check and Stop Check Valves Subjected to Low Flow Conditions (2/86)	Not Applicable Procurement issue
86-10	Safety Parameter Display System Malfunctions (2/86)	DCD Section 18.9.5
86-11	Inadequate Service Water Protection Against Core Melt Frequency (2/86)	DCD Section 16.2
86-12	Target Rock Two-Stage SRV Setpoint Drift (2/86)	Not Applicable Procurement issue
86-13	Standby Liquid Control System Valves Failure to Fire (2/86)	Not Applicable Procurement issue
86-13 S1	Standby Liquid Control System Valves Failure to Fire (8/86)	Not Applicable Procurement issue
86-14	PAR Auxiliary Feedwater Pump Turbine Control Problems (3/86)	Not Applicable AP1000 has no turbine driven pumps
86-14 S1	Overspeed Trips of AFW, HPCI, and RCIC Turbine (12/86)	Not Applicable AP1000 has no turbine driven pumps
86-14 S2	Overspeed Trips of AFW, HPCI, and RCIC Turbine (12/86)	Not Applicable AP1000 has no turbine driven pumps
86-15	Loss of Offsite Power Caused by Problems in Fiber Optics Systems (3/86)	Not Applicable Part of COL
86-16	Failures to Identify Containment Leakage Due to Inadequate Local Testing of BWR Vacuum Relief System Valves (3/86)	Not Applicable BWR only
86-17	Update of Failure of Automatic Sprinkler System Valves to Operate (3/86)	Not Applicable Procurement issue
86-18	NRC On-Scene Response During a Major Emergency (3/86)	Not Applicable Administrative issue

INFORMATION NOTICES		
Number	Title	Comment
86-19	Reactor Coolant Pump Shaft Failure at Crystal River (3/86)	Not Applicable Procurement issue
86-20	Low-Level Radioactive Waste Scaling Factors, 10 CFR Part 61 (3/86)	Not Applicable Administrative issue
86-21	Recognition of American Society of Mechanical Engineers Accreditation Program for N Stamp Holders (3/86)	Not Applicable Administrative communication
86-21 S1	Recognition of American Society of Mechanical Engineers Accreditation Program for N Stamp Holders (12/86)	Not Applicable Administrative communication
86-21 S2	Recognition of American Society of Mechanical Engineers Accreditation Program for N Stamp Holders (4/91)	Not Applicable Administrative communication
86-22	Underresponse of Radiation Survey Instrument to High Radiation Fields (3/86)	Not Applicable Procedural issue
82-23	Excessive Skin Exposures Due to Contamination with Hot Particles (4/86)	Not Applicable Procedural issue
86-24	Respirators Users Notice: Increase Inspection Frequency for Certain Self-Contained Breathing Apparatus Air Cylinders (4/86)	Not Applicable Procedural issue
86-25	Traceability and Material Control of Material and Equipment, Particularly Fasteners (4/86)	Not Applicable Procurement issue
86-25 S1	Traceability and Material Control of Material and Equipment, Particularly Fasteners (10/86)	Not Applicable Procurement issue
86-26	Potential Problems in Generators Manufactured by Electrical Products Incorporated (4/86)	Not Applicable Procurement issue
86-27	Access Control at Nuclear Facilities (4/86)	Not Applicable Administrative communication
86-28	Telephone Numbers to the NRC Operations Center and Regional Offices (4/86)	Not Applicable Administrative communication
86-29	Effects of Changing Valve Motor-Operator Switch Settings (4/86)	Not Applicable Procedural issue
86-30	Design Limitations of Gaseous Effluent Monitoring Systems (4/86)	Not Applicable Procurement issue
86-31	Unauthorized Transfer and Loss of Control of Industrial Nuclear Gauges (5/86)	Not applicable to commercial nuclear power plants
86-31 S1	Unauthorized Transfer and Loss of Control of Industrial Nuclear Gauges (7/86)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
86-32	Request for Collection of Licensee Radioactivity Measurements Attributed to the Chernobyl Nuclear Plant Accident (5/86)	Not Applicable Administrative communication
86-32 S1	Request for Collection of Licensee Radioactivity Measurements Attributed to the Chernobyl Nuclear Plant Accident (6/86)	Not Applicable Administrative communication
86-33	Information for Licensees Regarding the Chernobyl Nuclear Plant Accident (5/86)	Not Applicable Administrative communication
86-34	Improper Assembly, Material Selection, and Test of Valves and Their Actuators (5/86)	Not Applicable Procurement/Installation issue
86-35	Fire in Compressible Material at Dresden Unit 3 (5/86)	Not Applicable Plant specific issue
86-36	Changes in NRC Practice Regarding Issuance of Confirming Letters to Principal Contractors (5/86)	Not Applicable Administrative communication
86-37	Degradation of Station Batteries (5/86)	Not Applicable Procurement issue
86-38	Deficient Operator Actions Following Dual Function Valve Failures (5/86)	Not Applicable AP1000 has no dual function valves for core cooling
86-39	Failures of RHR Pump Motors and Internals (5/86)	Not Applicable Procurement issue
86-40	Degraded Ability to Isolate the Reactor Coolant System from Low-Pressure Coolant Systems in BWRs (6/86)	DCD Section 7.6.1
86-41	Evaluation of Questionable Exposure Readings of Licensee Personnel Dosimeters (6/86)	Not applicable to commercial nuclear power plants
86-42	Improper Maintenance of Radiation Monitoring Systems (6/86)	Not Applicable Maintenance issue
86-43	Problems with Silver Zeolite Sampling of Airborne Radioiodine (6/86)	Not Applicable Part of COL Surveillance issue
86-44	Failure to Follow Procedures When Working in High Radiation Areas (6/86)	Not Applicable Procedural/Training issue
86-45	Potential Falsification of Test Reports on Flanges Manufactured by Golden Gate Forge and Flange, Inc. (6/86)	Not Applicable Procurement issue
86-46	Improper Cleaning and Decontamination of Respiratory Protection Equipment (6/86)	Not Applicable Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
86-47	Erratic Behavior of Static "O" Ring Differential Pressure Switches (6/86)	Not Applicable Procurement issue
86-48	Inadequate Testing of Boron Solution Concentration in the Standby Liquid Control System (6/86)	Not Applicable BWR only
86-49	Age/Environment Induced Electrical Cable Failures (6/86)	Not Applicable Procurement issue
86-50	Inadequate Testing to Detect Failures of Safety-Related Pneumatic Components or Systems (6/86)	Not Applicable Part of COL Surveillance issue
86-51	Excessive Pneumatic Leakage in the Automatic Depressurization System (6/86)	Not Applicable BWR only
86-52	Conductor Insulation Degradation on Foxboro Model E Controllers (6/86)	Not Applicable Procurement issue
86-53	Improper Installation of Heat Shrinkable Tubing (6/86)	Not Applicable Installation issue
86-54	Criminal Prosecution of a Former Radiation Safety Officer Who Willfully Directed an Unqualified Individual to Perform Radiography (6/86)	Not applicable to commercial nuclear power plants
86-55	Delayed Access to Safety-Related Areas and Equipment During Plant Emergencies (7/86)	Not Applicable Procedural issue
86-56	Reliability of Main Steam Safety Valves (7/86)	Not Applicable Procurement issue
86-57	Operating Problems with Solenoid Operated Valves at Nuclear Power Plants (7/86)	Not Applicable Procurement/Maintenance issue
86-58	Dropped Fuel Assembly (7/86)	Not Applicable Procedural issue
86-59	Increased Monitoring of Certain Patients with Implanted Coratomic, Inc. Model C-100 and C-101 Nuclear Powered Cardiac Pacemakers (7/86)	Not applicable to commercial nuclear power plants
86-60	Unanalyzed Post-LOCA Release Paths (7/86)	Not Applicable DCD 1.2.1.2.3, no recycle path in makeup
86-61	Failure of Auxiliary Feedwater Manual Isolation Valve (7/86)	Not Applicable Maintenance issue
86-62	Potential Problems in Westinghouse Molded Circuit Breakers Equipped with a Shunt Trip (7/86)	Not Applicable Procurement issue
86-63	Loss of Safety Injection Capability (8/86)	Not Applicable AP1000 has no safety-related pumps

INFORMATION NOTICES		
Number	Title	Comment
86-64	Deficiencies in Upgrade Programs for Plant Emergency Operating Procedures (8/86)	DCD Section 18.9.8.1.1.3
86-64 S1	Deficiencies in Upgrade Programs for Plant Emergency Operating Procedures (4/87)	DCD Section 18.9.8.1.1.3
86-65	Malfunctions of ITT Barton Model 580 Series Switches During Requalification Testing (8/86)	Not Applicable Procurement issue
86-66	Potential for Failure of Replacement AC Coils Supplied by the Westinghouse Electric Company for Use in Class 1E Motor Starters and Contactors (8/86)	Not Applicable Procurement issue
86-67	Portable Moisture/Density Gauges: Recent Incidents and Common Violations of Requirements for Use, Transportation, and Storage (8/86)	Not applicable to commercial nuclear power plants
86-68	Stuck Control Rod (8/86)	Not Applicable BWR only
86-69	Spurious System Isolations Caused by the Panalarm Model 86 Thermocouple Monitor (8/86)	Not Applicable Procurement issue
86-70	Potential Failure of All Emergency Diesel Generators (8/86)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
86-71	Recent Identified Problems with Limitorque Motor Operators (8/86)	Not Applicable Procurement issue
86-72	Failure of 17-7 PH Stainless Steel Springs in Valcor Valve Due to Hydrogen Embrittlement (8/86)	Not Applicable Procurement issue
86-73	Recent Emergency Diesel Generator Problems (8/86)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
86-74	Reduction of Reactor Coolant Inventory Because of Misalignment of RHR Valves (8/86)	Not Applicable BWR only
86-75	Incorrect Maintenance Procedure on Traversing Incore Probe Lines (8/86)	Not Applicable Maintenance issue
86-76	Problems Noted in Control Room Emergency Ventilation Systems (8/86)	DCD Chapter 16, Section 3.7.6
86-77	Computer Program Error Report Handling (8/86)	DCD Section 17.0
86-78	Scram Solenoid Pilot Valve (SSPV) Rebuild Kit Problems (9/86)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
86-79	Degradation or Loss of Charging Systems at PWR Nuclear Power Plants Using Swing-Pump Designs (9/86)	Not Applicable AP1000 has no safety-related pumps
86-80	Unit Startup with Degraded High Pressure Safety Injection System (9/86)	DCD Chapter 16, Section 1.0
86-81	Broken Inner-External Closure Springs on Atwood & Morrill Main Steam Isolation Valves (9/86)	Not Applicable Procurement issue
86-81 S1	Broken Inner-External Closure Springs on Atwood & Morrill Main Steam Isolation Valves (1/88)	Not Applicable BWR only
86-82	Failures of Scram Discharge Volume Vent and Drain Valves (9/86)	Not Applicable BWR only
86-82 R1	Failures of Scram Discharge Volume Vent and Drain Valves (11/86)	Not Applicable Procurement issue/BWR only
86-83	Underground Pathways into Protected Areas, Vital Areas, Material Access Areas, and Controlled Access Areas (8/86)	DCD Section 13.6
86-84	Rupture of a Nominal 40-Millicurie Iodine-125 Brachytherapy Seed Causing Significant Spread of Radioactive Contamination (9/86)	Not applicable to commercial nuclear power plants
86-85	Enforcement Actions Against Medical Licensees for Willful Failure to Report Misadministrations (10/86)	Not applicable to commercial nuclear power plants
86-86	Clarification of Requirements for Fabrication and Export of Certain Previously Approved Type B Packages (10/86)	Not Applicable Administrative communication
86-87	Loss of Offsite Power Upon an Automatic Bus Transfer (10/86)	Not Applicable Plant specific issue
86-88	Compensatory Measures for Prolonged Periods of Security System Failures (10/86)	Not Applicable Administrative communication
86-89	Uncontrolled Rod Withdrawal Because of a Single Failure (10/86)	Not Applicable BWR only
86-90	Request to Dispose of Very Low Level Radioactive Waste Pursuant to 10 CFR 20.302 (11/86)	Not Applicable Administrative communication
86-91	Limiting Access Authorizations (11/86)	DCD Section 13.6
86-92	Pressurizer Safety Valve Reliability (11/86)	Not Applicable Maintenance/Procurement issue
86-93	IEB 85-03 Evaluation of Motor Operators Identifies Improper Torque Switch Settings (11/86)	Not Applicable DCD Section 3.9.6.2 Surveillance issue

INFORMATION NOTICES		
Number	Title	Comment
86-94	Hilti Concrete Expansion Anchor Bolts (11/86)	Not Applicable Procurement issue
86-95	Leak Testing Iodine-125 Sealed Sources in Lixi, Inc. Imaging Devices and Bone Mineral Analyzers (11/86)	Not applicable to commercial nuclear power plants
86-96	Heat Exchanger Fouling Can Cause Inadequate Operability of Service Water Systems (11/86)	Not Applicable Maintenance issue
86-97	Emergency Communications System (11/86)	Not Applicable Part of COL
86-98	Offsite Medical Services (12/86)	Not Applicable Administrative communication
86-99	Degradation of Steel Containments (12/86)	DCD Section 3.8.2.7
86-99 S1	Degradation of Steel Containments (2/91)	DCD Section 3.8.2.7
86-100	Loss of Offsite Power to Vital Buses at Salem 2 (12/86)	Not Applicable Plant specific event
86-101	Loss of Decay Heat Removal Due to Loss of Fluid in Reactor Coolant System (12/86)	Not Applicable Procedural/Maintenance issue
86-102	Repeated Multiple Failures of Steam Generator Hydraulic Snubbers Due to Control Valve Sensitivity (12/86)	DCD Sections 5.2.4, 6.6
86-103	Respirator Coupling Nut Assembly Failures (12/86)	Not Applicable Procurement issue
86-104	Unqualified Butt Splice Connectors Identified in Qualified Penetrations (12/86)	Not Applicable Procurement issue
86-105	Potential for Loss of Reactor Trip Capability at Intermediate Power Levels (12/86)	DCD Section 7.2.1.1.10
86-106	Feedwater Line Break (12/86)	DCD Section 10.3.6
86-106 S1	Feedwater Line Break (2/87)	DCD Section 10.3.6
86-106 S2	Feedwater Line Break (3/87)	DCD Section 10.3.6
86-106 S3	Feedwater Line Break (11/88)	DCD Section 10.3.6
86-107	Entry Into PWR Cavity with Retractable Incore Detector Thimbles Withdrawn (12/86)	Not Applicable Procedural/Maintenance issue
86-108	Degradation of Reactor Coolant System Pressure Boundary Resulting from Boric Acid Corrosion (4/87)	Part of COL Surveillance issue

INFORMATION NOTICES		
Number	Title	Comment
86-108 S1	Degradation of Reactor Coolant System Pressure Boundary Resulting from Boric Acid Corrosion (4/87)	Part of COL Surveillance issue
86-108 S2	Degradation of Reactor Coolant System Pressure Boundary Resulting from Boric Acid Corrosion (11/87)	Part of COL Surveillance issue
86-108 S3	Degradation of Reactor Coolant System Pressure Boundary Resulting from Boric Acid Corrosion	Part of COL Surveillance issue
86-109	Diaphragm Failure in Scram Outlet Valve Causing Rod Insertion (12/86)	Not Applicable BWR only
86-110	Anomalous Behavior of Recirculation Loop Flow in Jet Pump BWR (12/86)	Not Applicable BWR only
87-01	RHR Valve Misalignment Causes Degradation of ECCS in PWRs (1/87)	Not Applicable Maintenance/Procedural issue
87-02	Inadequate Seismic Qualification of Diaphragm Valves by Mathematical Modeling and Analysis (1/87)	Not Applicable Procurement issue
87-03	Segregation of Hazardous and Low-Level Radioactive Wastes (1/87)	Not Applicable Administrative communication
87-04	Diesel Generator Fails Test Because of Degraded Fuel (1/87)	Not Applicable The AP1000 diesel generators are not safety-related DCD Section 8.3.1
87-05	Miswiring in a Westinghouse Rod Control System (2/87)	Not Applicable Procurement/Installation issue
87-06	Loss of Suction to Low Pressure Service Water System Pumps Resulting from Loss of Siphon (1/87)	DCD Section 16.2
87-07	Quality Control of Onsite Dewatering/ Solidification Operations by Outside Contractors (2/87)	Not Applicable Administrative communication
87-08	Degraded Motor Leads in Limitorque DC Motor Operators (2/87)	Not Applicable Procurement issue
87-09	Emergency Diesel Generator Room Cooling Design Deficiency (2/87)	DCD Section 9.4.10
87-10	Potential for Water Hammer During Restart of Residual Heat Removal Pumps (2/87)	Not Applicable BWR only
87-11	Enclosure of Vital Equipment Within Designated Vital Areas (2/87)	DCD Section 13.6.5.2
87-12	Potential Problem with Metal Clad Circuit Breakers, General Electric Type AKF-2-25	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
87-13	Potential for High Radiation Fields Following Loss of Water from Fuel Pool (2/87)	Not Applicable Procedural issue
87-14	Actuation of Fire Suppression System Causing Inoperability of Safety-Related Ventilation Equipment (3/87)	Not Applicable AP1000 has no safety-related ventilation system
87-15	Compliance with the Posting Requirements of Subsection 223b of the Atomic Energy Act of 1954, As Amended (3/87)	Not Applicable Administrative communication
87-16	Degradation of Static "O" Ring Pressure Switches (4/87)	Not Applicable Procurement issue
87-17	Response Time of Scram Instrument Volume Level Detectors (4/87)	Not Applicable BWR only
87-18	Unauthorized Service on Teletherapy Units by Nonlicensed Maintenance Personnel (4/87)	Not applicable to commercial nuclear power plants
87-19	Perforation and Cracking of Rod Cluster Control Assemblies (4/87)	Not Applicable Part of COL Surveillance issue
87-20	Hydrogen Leak in Auxiliary Building (4/87)	DCD Section 9.3.2
87-21	Shutdown Order Issued Because Licensed Operators Asleep While on Duty (5/87)	Not Applicable Administrative communication
87-22	Operator Licensing Requalification Examinations at Nonpower Reactors (5/87)	Not applicable to commercial nuclear power plants
87-23	Loss of Decay Heat Removal During Low Reactor Coolant Level Operation (5/87)	Not Applicable Procedural/Maintenance issue
87-24	Operational Experience Involving Losses of Electrical Inverters (6/87)	DCD Section 8.3
87-25	Potentially Significant Problems Resulting from Human Error Involving Wrong Unit, Wrong Train, or Wrong Component Events (6/87)	Not Applicable Administrative communication
87-26	Cracks in Stiffening Rings on 48-Inch-Diameter UF ₆ Cylinders (6/87)	Not applicable to commercial nuclear power plants
87-27	Iranian Official Implies Vague Threat to U.S. Reactors (6/87)	Not Applicable Administrative communication
87-28	Air Systems Problems at U.S. Light Water Reactors (6/87)	Not Applicable Maintenance issue
87-28 S1	Air Systems Problems at U.S. Light Water Reactors (12/87)	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
87-29	Recent Safety-Related Incidents at Large Irradiators (6/87)	Not applicable to commercial nuclear power plants
87-30	Cracking of Surge Ring Brackets in Large General Electric Company Electric Motors (7/87)	Not Applicable Procurement issue
87-31	Blocking, Bracing, and Securing of Radioactive Materials Packages in Transportation (7/87)	Not Applicable Administrative communication
87-32	Deficiencies in the Testing of Nuclear Grade Charcoal (7/87)	DCD Section 9.4.7
87-33	Applicability of 10 CFR Part 21 to Nonlicensees (7/87)	Not Applicable Administrative/Procurement issue
87-34	Single Failures in Auxiliary Feedwater Systems (7/87)	Not Applicable The AP1000 Auxiliary Feedwater System is not safety-related DCD Section 16.2
87-35	Reactor Trip Breaker, Westinghouse Model DS-416, Failed to Open on Manual Initiation From the Control Room (7/87)	Not Applicable Procurement issue
87-35 S1	Reactor Trip Breaker, Westinghouse Model DS-416, Failed to Open on Manual Initiation From the Control Room (12/87)	Not Applicable Procurement issue
87-36	Significant Unexpected Erosion of Feedwater Lines (8/87)	Not Applicable Surveillance issue DCD Section 10.3.6
87-37	Compliance With the General License Provisions of 10 CFR Part 31 (8/87)	Not Applicable Administrative communication
87-38	Inadequate of Inadvertent Blocking of Valve Movement (8/87)	Not Applicable Procedural/Maintenance issue
87-39	Control of Hot Particle Contamination at Nuclear Power Plants (8/87)	Not Applicable Administrative communication
87-40	Backseating Valves Routinely to Prevent Packing Leakage (8/87)	Not Applicable Procurement/Procedural issue
87-41	Failures of Certain Brown Boveri Electric Circuit Breakers (8/87)	Not Applicable Procurement issue
87-42	Diesel Generator Fuse Contacts (9/87)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
87-43	Gaps in Neutron Absorbing Material in High Density Spent Fuel Storage Racks (9/87)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
87-44	Thimble Tube Thinning in Westinghouse Reactors (9/87)	Not Applicable AP1000 does not have this design DCD Section 4.2.2.2.3 See Bulletin 88-09
87-44 S1	Thimble Tube Thinning in Westinghouse Reactors (3/88)	Not Applicable AP1000 does not have this design DCD Section 4.2.2.2.3 See Bulletin 88-09
87-45	Recent Safety-Related Violations of NRC Requirements by Industrial Radiography Licensees (9/87)	Not applicable to commercial nuclear power reactors
87-46	Undetected Loss of Reactor Coolant (9/87)	Not Applicable Administrative/Procedural issue
87-47	Transportation of Radiography Devices (Update of IE Information Notice No. 81-02, 1/23/81) (10/87)	Not applicable to commercial nuclear power plants
87-48	Information Concerning the Use of Anaerobic Adhesives/Sealants (10/87)	Not Applicable Maintenance/Procedural issue
87-49	Deficiencies in Outside Containment Flooding Protection (10/87)	DCD Section 3.4.1
87-50	Potential LOCA at High and Low Pressure Interfaces from Fire Damage (10/87)	DCD Section 9.5.1
87-51	Failure of Low Pressure Safety Injection Pump Due to Seal Problems (10/87)	Not Applicable The AP1000 has no safety-related pumps
87-52	Insulation Breakdown of Silicone Rubber - Insulated Single Conductor Cables During High Potential Testing (10/87)	Not Applicable Procurement issue
87-53	Auxiliary Feedwater Pump Trips Resulting From Low Suction Pressure (10/87)	Not Applicable The AP1000 has no safety-related pumps
87-54	Emergency Response Exercises (10/87)	Not Applicable Administrative communication
87-55	Portable Moisture/Density Gauges: Recent Incidents of Portable Gauges Being Stolen or Lost (10/87)	Not Applicable Administrative communication
87-56	Improper Hydraulic Control Unit Installation at BWR Units (11/87)	Not Applicable BWR only
87-57	Loss of Emergency Boration Capability Due to Nitrogen Gas Intrusion (11/87)	Not Applicable AP1000 has no safety-related pumps
87-58	Continuous Communications Following Emergency Notifications (11/87)	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
87-59	Potential RHR Pump Loss (11/87)	Not Applicable The AP1000 RHR pumps are not safety-related
87-60	Depressurization of Reactor Coolant Systems in Pressurized Water Reactors (12/87)	Not Applicable Procedural/Maintenance issue
87-61	Failure of Westinghouse W-2 Type Circuit Breaker Cell Switches (12/87)	Not Applicable Procurement issue
87-61 S1	Failure of Westinghouse W-2 Type Circuit Breaker Cell Switches (5/88)	Not Applicable Procurement issue
87-62	Mechanical Failure of Indicating Type Fuses (12/87)	Not Applicable Procurement issue
87-63	Inadequate NPSH in Low Pressure Safety Systems (12/87)	Not Applicable The AP1000 has no safety-related pumps
87-64	Conviction for Falsification of Security Training Records (12/87)	Not Applicable Administrative communication
87-65	Plant Operation Beyond Analyzed Conditions (12/87)	Not Applicable Procedural issue
87-66	Inappropriate Application of Commercial Grade Components (12/87)	Not Applicable Procurement issue
87-67	Lessons Learned from Regional Inspections of Licensee Actions in Response to IE Bulletin 80-11 (12/87)	Not Applicable AP1000 has no safety-related masonry walls
88-01	Safety Injection Pipe Failure (1/88)	Not Applicable Surveillance issue Part of COL
88-02	Lost or Stolen Gauges (2/88)	Not applicable to commercial nuclear power plants
88-03	Cracks in Shroud Support Access Hole Cover Welds (2/88)	Not Applicable BWR only
88-04	Inadequate Qualification and Documentation of Fire Barrier Penetration Seals (2/88)	Not Applicable Procurement issue
88-04 S1	Inadequate Qualification and Documentation of Fire Barrier Penetration Seals (8/88)	Not Applicable Procurement issue
88-05	Fire in Annunciator Control Cabinets (2/88)	Not Applicable Procurement issue
88-06	Foreign Objects in Steam Generators (2/88)	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
88-07	Inadvertent Transfer of Licensed Material to Uncontrolled Locations (3/88)	Not applicable to commercial nuclear power plants
88-08	Chemical Reactions with Radioactive Waste Solidification Agents (3/88)	DCD Section 11.4.2.4.1
88-09	Reduced Reliability of Steam Driven Auxiliary Feedwater Pumps Caused by Instability of Woodward PG-PL Type Governors (3/88)	Not Applicable AP1000 has no turbine driven pumps
88-10	Material Licensees: Lack of Management Controls Over Licensed Programs (3/88)	Not applicable to commercial nuclear power plants
88-11	Potential Loss of Motor Control Center and/or Switchboard Functions Due to Faulty Tie Bolts (4/88)	Not Applicable Procurement issue
88-12	Overgreasing of Electric Motor Bearings (4/88)	Not Applicable Maintenance issue
88-13	Water Hammer and Possible Piping Damage Caused by Misapplication of Kerotest Packless Metal Diaphragm Globe Valves (4/88)	Not Applicable Procurement issue
88-14	Potential Problems with Electric Relays (4/88)	Not Applicable Procurement issue
88-15	Availability of U.S. Food and Drug Administration (FDA) Approved Potassium Iodine for Use in Emergencies Involving Radioactive Iodine (4/88)	Not Applicable Administrative communication
88-16	Identifying Waste Generators in Shipments of Low Level Waste to Land Disposal Facilities (4/88)	Not Applicable Procedural issue
88-17	Summary of Responses to NRC Bulletin 87-01, "Thinning of Pipe Walls in Nuclear Power Plants" (4/88)	Not Applicable Surveillance issue DCD Sections 5.4.3.4, 10.3.6
88-18	Malfunction of Lockbox on Radiography Device (4/88)	Not applicable to commercial nuclear power plants
88-19	Questionable Certification of Class 1E Components (4/88)	Not Applicable Procurement issue
88-20	Unauthorized Individuals Manipulating Controls and Performing Control Room Activities (5/88)	Not Applicable Procedural issue
88-21	Inadvertent Criticality Events at Oskarshamn and at U.S. Nuclear Power Plants (5/88)	Not Applicable Procedural issue
88-22	Disposal of Sludge from Onsite Sewage Treatment Facilities at Nuclear Power Stations (5/88)	Not Applicable Procedural issue
88-23	Potential for Gas Binding of High Pressure Safety Injection Pumps During a Loss of Coolant Accident (5/88)	Not Applicable AP1000 has no safety-related pumps

INFORMATION NOTICES		
Number	Title	Comment
88-23 S1	Potential for Gas Binding of High Pressure Safety Injection Pumps During a Loss of Coolant Accident (1/89)	Not Applicable AP1000 has no safety-related pumps
88-23 S2	Potential for Gas Binding of High Pressure Safety Injection Pumps During a Loss of Coolant Accident (1/90)	Not Applicable AP1000 has no safety-related pumps
88-23 S3	Potential for Gas Binding of High Pressure Safety Injection Pumps During a Loss of Coolant Accident (12/90)	Not Applicable AP1000 has no safety-related pumps
88-23 S4	Potential for Gas Binding of High Pressure Safety Injection Pumps During a Design Basis Accident	Not Applicable AP1000 has no safety-related pumps
88-24	Failures of Air-Operated Valves Affecting Safety-Related Systems (5/88)	Not Applicable Installation/Procurement issue
88-25	Minimum Edge Distance for Expansion Anchor Bolts (5/88)	Not Applicable Procurement issue/Installation issue
88-26	Falsified Pre-Employment Screening Records (5/88)	Not Applicable Administrative issue
88-27	Deficient Electrical Terminations Identified in Safety-Related Components (5/88)	Not Applicable Procurement issue
88-28	Potential for Loss of post-LOCA Recirculation Capability Due to Insulation Debris Blockage (5/88)	Not Applicable Procurement issue
88-29	Deficiencies in Primary Containment Low-Voltage Electrical Penetration Assemblies (5/88)	Not Applicable Procurement issue
88-30	Target Rock Two-Stage SRV Setpoint Drift Update (5/88)	Not Applicable Procurement issue
88-30 S1	Target Rock Two-Stage SRV Setpoint Drift Update (2/90)	Not Applicable Procurement issue
88-31	Steam Generator Tube Rupture Analysis Deficiency (5/88)	DCD Section 15.6.3
88-32	Prompt Reporting to NRC of Significant Incidents Involving Radioactive Material (5/88)	Not Applicable Procedural issue
88-33	Recent Problems Involving the Model Spec 2-T Radiographic Exposure Device (5/88)	Not applicable to commercial nuclear power plants
88-34	Nuclear Material Control and Accountability of Non-Fuel Special Nuclear Material at Power Reactors (5/88)	Not Applicable Procedural issue
88-35	Inadequate Licensee Performed Vendor Audits (6/88)	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
88-36	Possible Sudden Loss of RCS Inventory During Low Coolant Level Operation (6/88)	Not Applicable Procedural issue
88-37	Flow Blockage of Cooling Water to Safety System Components (6/88)	Not Applicable Maintenance issue
88-38	Failure of Undervoltage Trip Attachment on General Electric Circuit Breakers (6/88)	Not Applicable Procurement issue
88-39	LaSalle Unit 2 Loss of Recirculation Pumps with Power Oscillation Event (6/88)	Not Applicable BWR only
88-40	Examiner's Handbook for Developing Operator Licensing Examinations (6/88)	Not Applicable Administrative communication
88-41	Physical Protection Weaknesses Identified Through Regulatory Effectiveness Reviews (RERs) (6/88)	DCD Section 13.6
88-42	Circuit Breaker Failures Due to Loose Charging Spring Motor Mounting Bolts (6/88)	Not Applicable Procurement issue
88-43	Solenoid Valve Problems (6/88)	Not Applicable Procurement issue
88-44	Mechanical Binding of Spring Release Devices in Westinghouse Type DS-416 Circuit Breakers (6/88)	Not Applicable Procurement issue
88-45	Problems in Protective Relay and Circuit Breaker Coordination (7/88)	Not Applicable Installation issue
88-46	Licensee Report of Defective Refurbished Circuit Breakers (7/88)	Not Applicable Procurement issue
88-46 S1	Licensee Report of Defective Refurbished Circuit Breakers (7/88)	Not Applicable Procurement issue
88-46 S2	Licensee Report of Defective Refurbished Circuit Breakers (12/88)	Not Applicable Procurement issue
88-46 S3	Licensee Report of Defective Refurbished Circuit Breakers (6/89)	Not Applicable Procurement issue
88-46 S4	Licensee Report of Defective Refurbished Circuit Breakers (7/88)	Not Applicable Procurement issue
88-47	Slower Than Expected Rod Drop Times (7/88)	DCD Section 14.2.8.2.11
88-48	Licensee Report of Defective Refurbished Valves (7/88)	Not Applicable Procurement issue
88-48 S1	Licensee Report of Defective Refurbished Valves (8/88)	Not Applicable Procurement issue
88-48 S2	Licensee Report of Defective Refurbished Valves (8/89)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
88-49	Marking, Handling, Control Storage, and Destruction of Safeguards Information (7/88)	Not Applicable Administrative/Procedural issue
88-50	Effect of Circuit Breaker Capacitance on Availability of Emergency Power (7/88)	Not Applicable Plant specific issue
88-51	Failures of Main Steam Isolation Valve (MSIVs) (7/88)	Not Applicable DCD Section 10.3.4.4 Surveillance issue
88-52	Failure of Interuterine Tandem of Fletcher Suit Applicator Brachytherapy Devices During Patient Treatment (7/88)	Not applicable to commercial nuclear power plants
88-53	License Violations of NRC Regulations, Which Led to Medial Diagnostic Misadministrations (7/88)	Not applicable to commercial nuclear power plants
88-54	Fail of Circuit Breaker Following Installation of Ampptector Direct Trip Attachment (7/88)	Not Applicable Procurement issue
88-55	Potential Problems Caused by Single Failure of an Engineered Safety Feature Swing Bus (8/88)	Not Applicable AP1000 has no ESF swing bus
88-56	Potential Problems with Silicone Foam Fire Barrier Penetration Seals (8/88)	Not Applicable Procurement issue
88-57	Potential Loss of Safe Shutdown Equipment Due to Premature Silicon Controlled Rectifier Failure (8/88)	Not Applicable Procurement issue
88-58	Potential Problems with Asea Brown Boveri ITE-51L Time-Overcurrent Relays (8/88)	Not Applicable Procurement issue
88-59	Main Steam Isolation Valve Guide Rail Failure at Waterford Unit 3 (8/88)	Not Applicable Procurement issue
88-60	Inadequate Design and Installation of Watertight Penetration Seals (8/88)	Not Applicable Procurement/Installation issue
88-61	Control Room Habitability - Recent Reviews of Operating Experience (8/88)	DCD Section 6.4.1.1
88-62	Recent Findings Concerning Implementation of Quality Assurance Programs by Suppliers of Transport Packages (8/88)	Not applicable to commercial nuclear power plants
88-63	High Radiation Hazards from Irradiated Incore Detectors and Cables (8/88)	Not Applicable Procurement issue
88-63 S1	High Radiation Hazards from Irradiated Incore Detectors and Cables (10/90)	Not Applicable Procurement issue
88-63 S2	High Radiation Hazards from Irradiated Incore Detectors and Cables (10/90)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
88-64	Reporting Fires in Nuclear Process Systems at Nuclear at Nuclear Power Plants (8/88)	Not Applicable Administrative communication
88-65	Inadvertent Drainages of Spent Fuel Pools (8/88)	Not Applicable Procedural issue
88-66	Industrial Radiography Inspection and Enforcement (8/88)	Not applicable to commercial nuclear power plants
88-67	PWR Auxiliary Feedwater Pump Turbine Overspeed Trip Failure (8/88)	Not Applicable AP1000 has no turbine driven pumps
88-68	Setpoint Testing of Pressurizer Safety Valves with Filled Loop Seals Using Hydraulic Assist Devices (8/88)	Not Applicable Procurement issue
88-69	Movable Contact Finger Binding in HFA Relays Manufactured by General Electric (8/88)	Not Applicable Procurement issue
88-69 S1	Movable Contact Finger Binding in HFA Relays Manufactured by General Electric (9/88)	Not Applicable Procurement issue
88-70	Check Valve Inservice Testing Program Deficiencies (8/88)	Not Applicable Part of COL
88-71	Possible Environmental Effect of the Reentry of Cosmos 1900 and Request for Collection of Licensee Radioactivity Measurements Attributed to the Event (9/88)	Not Applicable Administrative communication
88-72	Inadequacies in the Design of DC Motor Operated Valves (9/88)	Not Applicable Procurement issue
88-73	Direction-Dependent Leak Characteristics of Containment Purge Valves (9/88)	Not Applicable Procurement issue
88-73 S1	Direction-Dependent Leak Characteristics of Containment Purge Valves (2/89)	Not Applicable Procurement issue
88-74	Potentially Inadequate Performance of ECCS in PWRs During Recirculation Operation Following a LOCA (9/88)	DCD Section 6.3
88-75	Disabling of Diesel Generator Output Circuit Breakers by Anti-Pump Circuitry (9/88)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
88-75 S1	Disabling of Diesel Generator Output Circuit Breakers by Anti-Pump Circuitry (4/89)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1

INFORMATION NOTICES		
Number	Title	Comment
88-76	Recent Discovery of a Phenomenon Not Previously Considered in the Design of Secondary Containment Pressure Control (9/88)	Not Applicable Procurement issue
88-77	Inadvertent Reactor Vessel Overfill (9/88)	Not Applicable BWR only
88-78	Implementation of Revised NRC Administered Requalification Examinations (9/88)	Not Applicable Administrative communication
88-79	Misuse of Flashing Lights for High Radiation Area Controls (10/88)	Not Applicable Procurement issue
88-80	Unexpected Piping Movement Attributed to thermal Stratification (10/88)	DCD Section 5.4.10.1
88-81	Failure of AMP Window Indent Kynar Splices and Thomas and Betts Nylon Wire Caps During Environmental Qualification Testing (10/88)	Not Applicable Procurement issue
88-82	Torus Shells with Corrosion and Degraded Coating in BWR Containments (10/88)	Not Applicable BWR only
88-82 S1	Torus Shells with Corrosion and Degraded Coatings in BWR Containments (5/89)	Not Applicable BWR only
88-83	Inadequate Testing of Relay Contacts in Safety-Related Logic Systems (10/88)	Not Applicable Procurement issue
88-84	Defective Motor Shaft Keys in Limitorque Motor Actuators (10/88)	Not Applicable Procurement issue
88-85	Broken Retaining Block Studs on Anchor Darling Check Valves (10/88)	Not Applicable Procurement issue
88-86	Operating with Multiple Grounds in Direct Current Distribution Systems (10/88)	DCD Section 8.3.2.2
88-86 S1	Operating with Multiple Grounds in Direct Current Distribution Systems (3/89)	DCD Section 8.3.2.2
88-87	Pump Wear and Foreign Objects in Plant Piping Systems (11/88)	Not Applicable Inspection/Maintenance issue
88-88	Degradation of Westinghouse ARD Relays (11/88)	Not Applicable Procurement issue
88-88 S1	Degradation of Westinghouse ARD Relays (5/89)	Not Applicable Procurement issue
88-89	Degradation of Kapton Electrical Insulation (11/88)	Not Applicable Procurement issue
88-90	Unauthorized Removal of Industrial Nuclear Gauges (11/88)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
88-91	Improper Administration and Control of Psychological Tests (11/88)	Not Applicable Administrative issue
88-92	Potential for Spent Fuel Pool Draindown (11/88)	Not Applicable Installation/Maintenance issue
88-92 S1	Potential for Spent Fuel Pool Draindown	Not Applicable Installation/Maintenance issue
88-93	Teletherapy Events (12/88)	Not applicable to commercial nuclear power plants
88-94	Potentially Undersized Valve Actuators (12/88)	Not Applicable Procurement issue
88-95	Inadequate Procurement Requirements Improved by Licensees on Vendors (12/88)	Not Applicable Procurement issue
88-96	Electrical Shock Fatalities at Nuclear Power Plants (12/88)	Not Applicable Procurement issue
88-97	Potential Substandard Valve Replacement Parts (12/88)	Not Applicable Procurement issue
88-97 S1	Potential Substandard Valve Replacement Parts (4/89)	Not Applicable Procurement issue
88-98	Electrical Relay Degradation Caused by Oxidation of Contact Surfaces (12/88)	Not Applicable Procurement/Maintenance issue
88-99	Detection and Monitoring of Sudden and/or Rapidly Increasing Primary to Secondary Leakage (12/88)	DCD Section 11.5
88-100	Memorandum of Understanding Between NRC and OSHA Relating to NRC-Licensed Facilities (53 FR 43950, 10/31/88) (12/88)	Not Applicable Administrative issue
88-101	Shipments of Contaminated Equipment Between Nuclear Power Stations (12/88)	Not Applicable Procedural issue
89-01	Valve Body Erosion (1/89)	Not Applicable DCD Section 3.9.6.2 Surveillance issue
89-02	Criminal Prosecution of Licensee's Former President for International Safety Violations (1/89)	Not Applicable Administrative communication
89-03	Potential Electrical Equipment Problems (1/89)	Not applicable to commercial nuclear power plants
89-04	Potential Problems from the Use of Space Heaters (1/89)	Not Applicable Administrative communication
89-05	Use of Deadly Force by Guards Protecting Nuclear Power Reactors Against Radiological Sabotage (1/89)	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
89-06	Bent Anchor Bolts in Boiling Water Reactor Torus Supports (1/89)	Not Applicable BWR only
89-07	Failures of Small Diameter Tubing in Control Air, Fuel Oil, and Lube Oil Systems Which Render Emergency Diesel Generators Inoperable (1/89)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
89-08	Pump Damage Caused by Low Flow Operation (1/89)	Not Applicable AP1000 has no safety-related pumps
89-09	Credit for Control Rods Without Scram Capability in the Calculation of the Shutdown Margin (1/89)	Not applicable to commercial nuclear power plants
89-10	Undetected Installation Errors in Main Steam Line Pipe Tunnel Differential Temperature Sensing Elements at Boiling Water Reactors (1/89)	Not Applicable Plant specific issue
89-11	Failures of DC Motor Operated Valves to Develop Rated Torque Because of Improper Cable Sizing (2/89)	Not Applicable Installation/Procurement issue
89-12	Dose Calibrator Quality Control (2/89)	Not applicable to commercial nuclear power plants
89-13	Alternative Waste Management Procedures in Case of Denial of Access to Low-Level Waste Disposal Sites (2/89)	Not Applicable Administrative communication
89-14	Inadequate Dedication Process for Commercial Grade Components Which Could Lead to Common Mode Failures of a Safety System (2/89)	Not Applicable Procurement issue
89-15	Second Reactor Coolant Pump Shaft Failure at Crystal River (2/89)	Not Applicable Procurement issue
89-16	Excessive Voltage Drop in DC Systems (2/89)	Not Applicable Installation/Procurement issue
89-17	Contamination and Degradation of Safety-Related Battery Cells (2/89)	Not Applicable Procurement/Maintenance/ Surveillance issue
89-18	Criminal Prosecution of Wrongdoing Committed by Suppliers of Nuclear Products or Services (2/89)	Not Applicable Administrative communication
89-18 S1	Criminal Prosecution of Wrongdoing Committed by Suppliers of Nuclear Products or Services (8/90)	Not Applicable Administrative communication
89-19	Health Physics Network (2/89)	Not Applicable Administrative communication
89-20	Weld Failures in a Pump of Byron-Jackson Design (2/89)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
89-21	Changes in Performance Characteristics of Modeled Case Circuit Breakers (2/89)	Not Applicable Procurement issue
89-22	Questionable Certification of Fasteners (3/89)	Not Applicable Procurement issue
89-23	Environmental qualification of Litton-Veam CIR Series Electrical Connectors (3/89)	Not Applicable Procurement issue
89-24	Nuclear Criticality Safety (3/89)	Not applicable to commercial nuclear power plants
89-25	Unauthorized Transfer of Ownership or Control of Licensed Activities (3/89)	Not applicable to commercial nuclear power plants
89-25 R1	Unauthorized Transfer of Ownership or Control of Licensed Activities	Not applicable to commercial nuclear power plants
89-26	Instrument Air Supply to Safety-Related Equipment (3/89)	Not applicable maintenance issue
89-27	Limitations on the Use of Waste Forms and High Integrity Containers for the Disposal of Low-Level Radioactive Waste (3/89)	Not Applicable Administrative communication
89-28	Weight and Center of Gravity Discrepancies for Copes-Vulcan Air-Operated Valves (3/89)	Not Applicable Procurement issue
89-29	Potential Failure of Asea Brown Boveri Circuit Breakers During Seismic Event (3/89)	Not Applicable Procurement issue
89-30	High Temperature Environments at Nuclear Power Plants (3/89)	DCD Section 3.11, Appendix 3D
89-30 S1	High Temperature Environments at Nuclear Power Plants (11/90)	DCD Section 3.11, Appendix 3D
89-31	Swelling and Cracking of Hafnium Control Rods (3/89)	Not Applicable AP1000 has no hafnium control rods
89-32	Surveillance Testing of Low-Temperature Overpressure Protection Systems (3/89)	DCD Section 3.9.1.1.2.6
89-32 S1	Surveillance Testing of Low-Temperature Overpressure Protection Systems (2/91)	DCD Section 3.9.1.1.2.6
89-33	Potential Failure of Westinghouse Steam Generator Tube Mechanical Plugs (3/89)	Not Applicable Procurement issue
89-34	Disposal of Smericium Well-Logging Sources (3/89)	Not applicable to commercial nuclear power plants
89-35	Loss and Theft of Unsecured Licensed Material (3/89)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
89-36	Excessive Temperature in Emergency Core Cooling System Piping Located Outside Containment (4/89)	Not Applicable Plant specific event
89-37	Proposed Amendments to 40 CFR Part 61, Air Emissions Standards for Radionuclides (4/89)	Not Applicable Administrative communication
89-38	Atmosphere Dump Valve Failures at Palo Verde Units 1, 2, and 3 (4/89)	Not Applicable Procurement issue
89-39	List of Parties Excluded from Federal Procurement or Nonprocurement Programs (4/89)	Not Applicable Administrative communication
89-40	Unsatisfactory Operator Test Results and Their Effect on the Requalification Program (4/89)	Not Applicable Administrative communication
89-41	Operator Response to Pressurization of Low Pressure Interfacing Systems (4/89)	Not Applicable Administrative communication
89-42	Failure of Rosemount Models 1153 and 1154 Transmitters (4/89)	Not Applicable Procurement issue
89-43	Permanent Deformation of Torque Switch Helical Springs in Limitorque SMA-Type Motor Operators (5/89)	Not Applicable Procurement issue
89-44	Hydrogen Storage on to the Roof of the Control Room (4/89)	Not Applicable DCD Section 9.3.2
89-45	Metalcald, Low voltage Power Circuit Breakers Refurbished with Substandard Parts (5/89)	Not Applicable Procurement issue
89-45 S1	Metalcald, Low voltage Power Circuit Breakers Refurbished with Substandard Parts (7/89)	Not Applicable Procurement issue
89-45 S2	Metalcald, Low voltage Power Circuit Breakers Refurbished with Substandard Parts (12/89)	Not Applicable Procurement issue
89-46	Confidentiality of Exercise Scenarios (5/89)	Not applicable to commercial nuclear power plants
89-47	Potential Problems with Worn or Distorted Hose Clamps on Self-Contained Breathing Apparatus (5/89)	Not Applicable Maintenance issue
89-48	Design Deficiency in the Turbine-Driven Auxiliary Feedwater Pumps Cooling Water System (5/89)	Not Applicable AP1000 has no turbine driven pumps
89-49	Failure to Close Service Water Cross-Connect Isolation Valves (5/89)	Not Applicable Procedural issue
89-50	Inadequate Emergency Diesel Generator fuel Supply (5/89)	DCD Section 16.2
89-51	Potential Loss of Required Shutdown Margin During Refueling Operations (5/89)	DCD Chapter 16 Technical Specification 3.1

INFORMATION NOTICES		
Number	Title	Comment
89-52	Potential Fire Damper Operational Problems (6/89)	Not Applicable Procurement issue
89-53	Rupture of Extraction Steam Line on High Pressure Turbine (6/89)	Not Applicable Surveillance issue DCD Section 5.4.3.4, 10.3.4
89-54	Potential Overpressurization of the Component Cooling Water System (6/89)	DCD Section 9.2.2.4.5.2
89-55	Degradation of Containment Isolation by a High Energy Line Breaker (6/89)	Not Applicable BWR only
89-56	Questionable Certification of Material Supplied to the Defense Department by Nuclear Suppliers (7/89)	Not Applicable Procurement issue
89-56 S1	Questionable Certification of Material Supplied to the Defense Department by Nuclear Suppliers (11/89)	Not Applicable Procurement issue
89-56 S2	Questionable Certification of Material Supplied to the Defense Department by Nuclear Suppliers (1/90)	Not Applicable Procurement issue
89-57	Unqualified Electrical Splices in vendor Supplied Environmentally Qualified Equipment (7/89)	Not Applicable Procurement issue
89-58	Disablement of Turbine Driven Auxiliary Feedwater Pump Due to Closure of One of the Parallel Steam Supply Valves (8/89)	Not Applicable AP1000 has no turbine driven pumps
89-59	Suppliers of Potentially Misrepresented Fasteners (8/89)	Not Applicable Procurement issue
89-59 S1	Suppliers of Potentially Misrepresented Fasteners (12/89)	Not Applicable Procurement issue
89-59 S2	Suppliers of Potentially Misrepresented Fasteners (3/90)	Not Applicable Procurement issue
89-60	Maintenance of Teletherapy Units (8/89)	Not applicable to commercial nuclear power plants
89-61	Failure of Borg-Warner Gate Valves to Close Against Differential Pressure (8/89)	Not Applicable Procurement issue
89-62	Malfunctions of Borg-Warner Pressure Seal Bonnet Check Valves by Vertical Misalignment of Disk (8/89)	Not Applicable Procurement issue
89-63	Possible Submergency of Electrical Circuits Located Above the Flood Level Because of Water Intrusion and Lack of Drainage (9/89)	Not Applicable BWR only
89-64	Electrical Bus Bar Failures (9/89)	Not Applicable Part of COL Surveillance/Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
89-65	Potential Stress Corrosion Cracking in Steam Generator Tube Plugs Supplied by Babcock and Wilcox (9/89)	Not Applicable B&W facilities only
89-66	Qualification Life of Solenoid Valves (9/89)	Not Applicable Procurement issue
89-67	Loss of Residual Heat Removal by Accumulator Nitrogen Injection (9/89)	Not Applicable Procedural/Training issue
89-68	Evaluation of Instrument Setpoints During Modification (9/89)	Not Applicable Maintenance issue
89-69	Loss of Thermal Margin Caused by Channel Box Bow (9/89)	Not Applicable BWR only
89-70	Possible Indications of Misrepresented Vendor Products (10/89)	Not Applicable Procurement issue
89-70 S1	Possible Indications Of Misrepresented Vendor Products (4/90)	Not Applicable Procurement issue
89-71	Diversion of the Residual Heat Removal Pump Seal Cooling Water Flow During Recirculation Operation Following a LOCA (10/89)	Not Applicable AP1000 has no safety-related pumps
89-72	Failure of Licensed Senior Operators to Classify Emergency Events Properly (10/89)	Not Applicable Administrative/Training issue
89-73	Potential Overpressurization of Low Pressure Systems (11/89)	Not Applicable DCD Section 7.6.1
89-74	Clarification of Transportation Requirements applicable to Return of Spent Radiopharmacy Dosages from Users to Suppliers (11/89)	Not applicable to commercial nuclear power plants
89-75	Falsification of Welder Qualifications for Contractor Employees (11/89)	Not Applicable Administrative communication
89-76	Biofouling Event: Zebra Mussel (11/89)	Not Applicable Location/site specific
89-77	Debris in Containment Emergency Sumps and Incorrect Screen Configurations (11/89)	Not Applicable Part of COL Surveillance/Maintenance issue
89-77 S1	Debris in Containment Emergency Sumps and Incorrect Screen Configurations	Not Applicable Part of COL Surveillance/Maintenance issue
89-78	Failure of Packing Nuts on One-Inch Uranium Hexafluoride Cylinder Valves (11/89)	Not applicable to commercial nuclear power plants
89-79	Degraded Coatings and Corrosion of Steel Containment Vessel (12/89)	DCD Section 3.8.2

INFORMATION NOTICES		
Number	Title	Comment
89-79 S1	Degraded Coatings and Corrosion of Steel Containment Vessels (6/90)	DCD Section 3.8.2
89-80	Potential for Water Hammer, Thermal Stratification and Steam Binding in High Pressure Coolant Injection Piping (12/89)	Not Applicable BWR only
89-81	Inadequate Control of Temporary Modifications to Safety-Related Systems (12/89)	Not Applicable Administrative communication
89-82	Recent Safety-Related Incidents at Large Irradiators (12/89)	Not applicable to commercial power plants
89-83	Sustained Degraded Voltage on the Offsite Electrical Grid and Loss of Other Generating Stations as a Result of a Plant Trip (12/89)	Not Applicable Procedural/Plant specific issue
89-84	Failure of Ingersoll Rand Air Start Motors as a Result of a Pinion Gear Assembly Fitting Assembly Fitting Problems (12/89)	Not Applicable Procurement issue
89-85	EPA's Interim Final Rule on Medial Waste Tracking and Management (12/89)	Not applicable to commercial power plants
89-86	Type HK Circuit Breakers Missing Close Latch Anti-Shock Springs (12/89)	Not Applicable Procurement issue
89-87	Disabling of Emergency Diesel Generators by Their Neutral Ground-Fault Protection Circuitry (12/89)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1.1.2.1
89-88	Recent NRC Sponsored Testing of Motor Operated Valves (12/89)	Not Applicable Administrative issue
89-89	Event Notification Worksheets (12/89)	Not Applicable Administrative communication
89-90	Pressurizer Safety Valve Lift Setpoint Shift (12/89)	Not Applicable Procedural issue
89-90 S1	Pressurizer Safety Valve Lift Setpoint Shift (4/91)	Not Applicable Procedural issue
89-90 S2	Pressurizer Safety Valve Lift Setpoint Shift (4/91)	Not Applicable Procedural issue
90-01	Importance of Proper Response to Self-Identified Violations by Licensees (1/90)	Not Applicable Administrative communication
90-02	Potential Degradation of Secondary Containment (1/90)	Not Applicable BWR only
90-03	Malfunction of Borg-Warner Bolted Bonnet Check Valve Caused by Failure of the Swing Arm (1/90)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
90-04	Cracking of the Upper Shell-to-Transition Cone Girth Welds in Steam Generators (1/90)	Not applicable Weld relocated
90-05	Inter-System Discharge of Reactor Coolant (1/90)	Not Applicable Maintenance issue
90-06	Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels (1/90)	Not Applicable Procedural issue
90-07	New Information Regarding Insulation Material Performance and Debris Blockage of PWR Containment Sumps (1/90)	Not Applicable Procurement issue
90-08	Kr-85 Hazards for Decayed Fuel (2/90)	Not Applicable Procedural issue
90-09	Extended Interim Storage of Low-Level Radioactive Waste by Fuel Cycle and Material Licensees (2/90)	Not applicable to commercial power plants
90-10	Primary Water Stress Corrosion Cracking (PWSCC) of Inconel 600 (2/90)	Not Applicable Procurement issue
90-11	Maintenance Deficiencies Associated with Solenoid Operated Valves (2/90)	Not Applicable Administrative communication
90-12	Monitoring or Interruption of Plant Communications (2/90)	Not Applicable Procedural issue
90-13	Importance of Review and Analysis of Safeguard Event Logs (3/90)	Not Applicable Procedural issue
90-14	Accidental Disposal of Radioactive Material (3/90)	Not applicable to commercial power plants
90-15	Reciprocity: Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States (3/90)	Not Applicable Administrative communication
90-16	Compliance with New Decommissioning Rule (3/90)	Not applicable to commercial nuclear power plants
90-17	Weight and Center of Gravity Discrepancies for Copes-Vulcan Valves (3/90)	Not Applicable Procurement issue
90-18	Potential problems with Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks (3/90)	Not Applicable Procurement issue
90-19	Potential Loss of Effective Volume for Containment Recirculation Spray at PWR Facilities (3/90)	Not Applicable AP1000 has no containment spray
90-20	Personnel Injuries Resulting from Improper Operation of Radwaste Incinerators (3/90)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
90-21	Potential Failure of Motor Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated (3/90)	Not Applicable Procurement issue
90-22	Unanticipated Equipment Actuation Following Restoration of Power to Rosemount Transmitter Trip Units (3/90)	Not Applicable Procurement issue
90-23	Improper Installation of Patel Conduit Seals (4/90)	Not Applicable Installation issue
90-24	Transportation of Model Spec 2-T	Not applicable to commercial nuclear power plants
90-25	Loss of Vital AC Power with Subsequent Reactor Coolant System Heat-up (4/90)	Not Applicable Procedural issue
90-25 S1	Loss of Vital AC Power with Subsequent Reactor Coolant System Heat-up (3/91)	Not Applicable Procedural issue
90-26	Inadequate Flow of Essential Service Water to Room Coolers and Heat Exchangers for Engineered Safety-Feature System (4/90)	Not Applicable Procedural/Maintenance issue
90-27	Clarification of the Recent Revisions to the Regulatory Requirements for Packaging of Uranium Hexafluoride (UF ₆) for Transportation (4/90)	Not applicable to commercial nuclear power plants
90-28	Potential Error in High Steam Line Flow Setpoint (4/90)	Not Applicable Procedural issue
90-29	Cracking of Cladding and Its Heat Affected Zone in the Base Metal of a Reactor Vessel Head (5/90)	Not Applicable BWR only
90-30	Ultrasonic Inspection Techniques for Dissimilar Metal Welds (5/90)	Not Applicable Part of COL Surveillance issue
90-31	Update on Waste Form and High Integrity Container Topical Report Review Status, Identification of Problems with Cement Solidification and Reporting of Waste Mishaps (5/90)	DCD Section 11.4.2.4.1
90-32	Surface Crack and Subsurface Indications in the Weld of a Reactor Vessel Head (5/90)	Not Applicable DCD 5.3.4.7 Surveillance issue
90-32 S1	Surface Crack and Subsurface Indications in the Weld of a Reactor Vessel Head (6/90)	Not Applicable DCD 5.3.4.7 Surveillance issue
90-33	Sources of Unexpected Occupational Radiation Exposures at Spent Fuel Storage Pools (5/90)	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
90-34	Response to False Siren Activations (5/90)	Not Applicable Procedural issue
90-35	Transportation of type A Quantities of Non-Fissile Radioactive Material (5/90)	Not Applicable Administrative/Procedural issue
90-36	Apparent Falsification of State of Connecticut Weight Certificates (5/90)	Not Applicable Administrative/Procedural issue
90-37	Sheared Pinion Gear-to-Shaft Keys in Limitorque Motor actuators (5/90)	Not Applicable Procurement issue
90-38	Requirements for Processing Financial Assurance Submittals for Decommissioning (5/90)	Not applicable to commercial nuclear power plants
90-38 S1	Requirements for Processing Financial Assurance Submittals for Decommissioning (5/90)	Not applicable to nuclear power plants
90-39	Recent Problems with Service Water Systems (6/90)	Not Applicable The AP1000 has no safety-related Service Water System DCD Section 9.2.1
90-40	Results of NRC Sponsored Testing of Motor Operated Valves (6/90)	Not Applicable Procurement issue
90-41	Potential Failure of General Electric Magne-Blast Circuit Breakers and AK Circuit Breakers (6/90)	Not Applicable Procurement issue
90-42	Failure of Electrical Power Equipment Due to Solar Magnetic Disturbances (6/90)	Not Applicable Part of COL
90-43	Mechanical Interferences with Thermal Trip Function to GE Molded Case Circuit Breakers (6/90)	Not Applicable Procurement issue
90-43 S1	Mechanical Interferences with Thermal Trip Function to GE Molded Case Circuit Breakers (3/91)	Not Applicable Procurement issue
90-44	Dose-Rate Instruments Underresponding to the True Radiation Fields (6/90)	Not Applicable Procurement issue
90-45	Overspeed of the Turbine Driven Auxiliary Feedwater Pumps and Overpressurization of the Associated Piping Systems (7/90)	Not Applicable AP1000 has no turbine driven pumps
90-46	Criminal Prosecution of Wrongdoing Committed by Suppliers of Molded Case Circuit Breakers and Related Components (7/90)	Not Applicable Procurement issue
90-47	Unplanned Radiation Exposures to Personnel Extremities Due to Improper Handling of Potential Highly Radioactive Sources (7/90)	Not Applicable Procedural issue
90-48	Enforcement Policy for Hot Particle Exposures (8/90)	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
90-49	Stress Corrosion Cracking in PWR Steam Generator Tubes (8/90)	DCD Section 5.4.2.4.2
90-50	Minimization of Methane Gas in Plant Systems and Radwaste Shipping Containers (8/90)	Not Applicable DCD Sections 11.4.2.2.1, 1.2 and part of COL
90-51	Failures of Voltages Dropping Resistors in the Power Supply Circuitry of Electric Governor Systems (8/90)	Not Applicable Procurement issue
90-51 S1	Failures of Voltages Dropping Resistors in the Power Supply Circuitry of Electric Governor Systems (9/91)	Not Applicable Procurement issue
90-52	Retention of Broken Charpy Specimens (8/90)	Not Applicable Administrative communication
90-53	Potential Failures of Auxiliary Steam Piping and the Possible Effects on the Operability of Vital Equipment (8/90)	DCD Section 3.6.2
90-54	Summary of Requalification Program Deficiencies (8/90)	Not Applicable Administrative communication
90-55	Recent Operating Experience on Loss of Reactor Coolant Inventory While in a Shutdown Condition (8/90)	Not Applicable Procedural/Personnel issue
90-56	Inadvertent Shipment of a Radioactive Source in a Container Thought to be Empty (9/90)	Not Applicable Procedural issue
90-57	Substandard, Refurbished Potter & Brumfield Relays Misrepresented as New (9/90)	Not Applicable Procurement issue
90-57 S1	Substandard, Refurbished Potter & Brumfield Relays Misrepresented as New	Not Applicable Procurement issue
90-58	Improper Handling of Ophthalmic Strontium-90 Beta Radiation Applicators (9/90)	Not applicable to commercial nuclear power plants
90-59	Errors in the Use of Radioactive Iodine-131 (9/90)	Not applicable to commercial nuclear power plants
90-60	Availability of Failure Data in the Government Industry Data Exchange Program (9/90)	Not Applicable Administrative communication
90-61	Potential for Residual Heat Removal Pump Damage Caused by Parallel Pump Interaction (9/90)	Not Applicable AP1000 has no safety-related pumps
90-62	Requirements for Import and Distribution of Neutron-Irradiated Gems (9/90)	Not applicable to commercial nuclear power plants
90-63	Management Attention to the Establishment and Maintenance of a Nuclear Criticality Safety Program (10/90)	Not Applicable Procedural/Program issue

INFORMATION NOTICES		
Number	Title	Comment
90-64	Potential for Common Mode Failure of High Pressure Safety Injection Pumps or Release of Reactor Coolant Outside of Containment During a LOCA (10/90)	Not Applicable Procurement issue
90-65	Recent Orifice Plate Problems (10/90)	Not Applicable Installation issue
90-66	Incomplete Draining and Drying of Shipping Casks (10/90)	Not Applicable Procedural issue
90-67	Potential Security Equipment Weaknesses (10/90)	Not Applicable Administrative communication
90-68	Stress Corrosion Cracking of Reactor Coolant Pump Bolts (10/90)	Not Applicable B&W only
90-68 S1	Stress Corrosion Cracking of Reactor Coolant Pump Bolts	DCD Section 5.4.1.2.1
90-69	Adequacy of Emergency and Essential Lighting (10/90)	DCD Section 9.5.3.2.2
90-70	Pump Explosions Involving Ammonium Nitrate (11/90)	Not applicable to commercial nuclear power plants
90-71	Effective Use of Radiation Safety Committees to Exercise Control Over Medical Use Programs (11/90)	Not applicable to commercial nuclear power plants
90-72	Testing of Parallel Disc Gate Valves in Europe (11/90)	Not Applicable Part of COL Surveillance issue
90-73	Corrosion of Valve-To-Torque Tube Keys in Spray Pond Cross Connect Valves (11/90)	Not Applicable Procurement issue
90-74	Information on Precursors to severe Accidents (12/90)	Not Applicable Administrative communication
90-75	Denial of Access to Current Low-Level Radioactive Waste Disposal Facilities (12/90)	Not applicable to commercial nuclear power plants
90-76	Failure of Turbine Overspeed Trip Mechanism Because of Inadequate Spring Tension (12/90)	Not Applicable AP1000 has no turbine driven pumps
90-77	Inadvertent Removal of Fuel Assemblies from the Reactor Core (12/90)	Not Applicable Maintenance issue
90-77 S1	Inadvertent Removal of Fuel Assemblies from the Reactor Core (12/90)	Not Applicable Maintenance issue
90-78	Previously Unidentified Release Path From Boiling Water Reactor Control Rod Hydraulic Units (12/90)	Not Applicable BWR only
90-79	Failures of Main Steam Isolation Check Valves Resulting in Disc Separation (12/90)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
90-80	Sand Intrusion Resulting in Two Diesel Generators Becoming Inoperable (12/90)	Not Applicable Maintenance issue
90-81	Fitness for Duty (12/90)	Not Applicable Administrative communication
90-82	Requirements for Use of Nuclear Regulatory Commission (NRC) Approved Transport Packages for Shipment of Type A Quantities of Radioactive Materials (12/90)	Not Applicable Administrative communication
91-01	Supplier of Misrepresented Resistors (1/91)	Not Applicable Procurement issue
91-02	Brachytherapy Sources Management (1/91)	Not applicable to commercial nuclear power plants
91-03	Management of Wastes Contaminated with Radioactive Materials ("Red Bag" Waste and Ordinary Trash) (1/91)	Not applicable to commercial nuclear power plants
91-04	Reactor Scram Following Control Rod Withdrawal Associated with Low Power Turbine Testing (1/91)	Not Applicable Procedural/Training issue
91-05	Intergranular Stress Corrosion Cracking in Pressurized Water Reactor Safety Injection Accumulator Nozzles (1/91)	Not Applicable Part of COL Surveillance issue
91-06	Lock-Up of Emergency Diesel Generator and Load Sequencer Control Circuits Preventing Restart of Tripped Emergency Diesel Generator (1/91)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
91-07	Maintenance Deficiency Associated with General Electric Horizontal Custom 8000 Induction Motors (2/91)	Not Applicable Maintenance issue
91-08	Medical Examinations for Licensed Operators (2/91)	Not Applicable Administrative communication
91-09	Counterfeiting of Crane Valves (2/91)	Not Applicable Procurement issue
91-10	Summary of Semiannual Program Performance Reports on Fitness-for-Duty (FFD) in the Nuclear Industry (2/91)	Not Applicable Administrative communication
91-11	Inadequate Physical Separation and Electrical Isolation of Nonsafety-Related Circuits from Reactor Protection System Circuits (2/91)	Not Applicable Installation issue
91-12	Potential Loss of Net Positive Suction Head (NPSH) of Standby Liquid Control System Pumps (2/91)	Not Applicable BWR only

INFORMATION NOTICES		
Number	Title	Comment
91-13	Inadequate Testing of Emergency Diesel Generators (EDG) (3/91)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
91-14	Recent Safety-Related Incidents at Large Irradiators (3/91)	Not applicable to commercial nuclear power plants
91-15	Incorrect Configuration of Breaker Operating Springs in general Electric AK-Series Metal Clad Circuit Breakers (3/91)	Not Applicable Procurement issue
91-16	Unmonitored Release Pathways from Slightly Contaminated Recycle and Recirculation Water Systems at a Fuel Facilities (3/91)	Not applicable to commercial nuclear power plants
91-17	Fire Safety of Temporary Installations or Services (3/91)	Not Applicable Maintenance/Procedural issue
91-18	High Energy Piping Failures Caused by Wall Thinning (3/91)	Not Applicable Part of COL Surveillance issue
91-18 S1	High Energy Piping Failures Caused by Wall Thinning	Not Applicable Part of COL Surveillance issue
91-19	Steam Generator Feedwater Distribution Piping Damage (3/91)	Not Applicable CE facilities only
91-20	Electrical Wire Insulation Degradation Caused Failure in a Safety-Related Motor Control Center (3/91)	Not Applicable Procurement issue
91-21	Inadequate Quality Assurance Program of Vendor Supplying Safety-Related Equipment (3/91)	Not Applicable Administrative/Procurement issue
91-21 S1	Inadequate Quality Assurance Program of Vendor Supplying Safety-Related Equipment	Not Applicable Administrative/Procurement issue
91-22	Four Plant Outage Events Involving Loss of AC Power or Coolant Spills (3/91)	Not Applicable Procedural issue
91-23	Accidental Radiation Exposures to Personnel Due to Industrial Radiography Accessory Equipment Malfunctions (3/91)	Not applicable to commercial nuclear power plants
91-24	Recent Operating Experience Involving Reactor Operation without a Licensed Reactor Operator or Senior Reactor Operator Present in the Control Room (3/91)	Not Applicable Administrative/Procedural issue
91-25	Commercial Grade Structural Framing Components Supplied as Nuclear Safety-Related Equipment (4/91)	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
91-26	Potential Nonconservative Errors in the Working Format Hansen-Roach Cross Section Set Provided with the Keno and Scale Codes (4/91)	DCD Section 4.3.2.6.1
91-27	Incorrect Rotation of Positive Displacement Pump (4/91)	Not Applicable Maintenance issue
91-28	Cracking in Feedwater System Piping (4/91)	Not Applicable Administrative communication
91-29	Deficiencies Identified During Electrical Distribution System Functional Inspections (4/91)	Not Applicable Procedural issue
91-29 S1	Deficiencies Identified During Electrical Distribution System Functional Inspections	Not Applicable Procedural issue
91-29 S2	Potential Deficiencies Found During Electrical Distribution System Functional Inspections	Not Applicable Procedural issue
91-29 S3	Deficiencies Identified During Electrical Distribution System Functional Inspections	Not Applicable Procedural issue
91-30	Inadequate Calibration of Thermoluminescent Dosimeters Utilized to Monitor Extremity Dose at Uranium Processing and Fabrication Facilities (4/91)	Not applicable to commercial nuclear power plants
91-31	Nonconforming Magnaflux Magnetic Particle (14AM) Prepared Bath (5/91)	Not Applicable Procurement issue
91-32	Possible Flaws in Certain Piping Systems Fabricated by Associated Piping and Engineering (5/91)	Not Applicable Procurement issue
91-33	Reactor Safety Information for States During Exercises and Emergencies (5/91)	Not Applicable Administrative communication
91-34	Potential Problems in Identifying Causes of Emergency Diesel Generator Malfunctions (6/91)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
91-35	Labeling Requirements for Transporting Multi-Hazard Radioactive Materials (6/91)	Not Applicable Administrative communication
91-36	Nuclear Plant Staff Working Hours (6/91)	Not Applicable Administrative communication
91-37	Compressed Gas Cylinder Missile Hazard (6/91)	Not Applicable Procedural issue
91-38	Thermal Stratification in Feedwater Piping (6/91)	DCD Section 10.4.7.2.2
91-39	Compliance with 10 CFR Part 21, "Reporting of Defects and Noncompliance" (6/91)	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
91-40	Contamination of Nonradioactive System Resulting Possibility for Unmonitored Uncontrolled Release to the Environment (6/91)	DCD Section 11.5
91-41	Potential Problems with the Use of Freeze Seals (6/91)	Not Applicable Maintenance issue
91-42	Plate Outage Events Involving Poor Coordination Between Operations and Maintenance Personnel During Valve Testing and Manipulations (6/91)	Not Applicable Maintenance issue
91-43	Recent Incidents Involving Rapid Increases in Primary to Secondary Leak Rate (7/91)	DCD Section 11.5
91-44	Improper Control of Chemicals in Nuclear Fuel Fabrication (7/91)	Not applicable to commercial nuclear power plants
91-45	Possible Malfunction of Westinghouse ARD, BFD, and Nbfd Relays and A200 DC and DPC 250 Magnetic Contactors (7/91)	Not Applicable Procurement issue
91-45 S1	Possible Malfunction of Westinghouse ARD, BFD, and Nbfd Relays and A200 DC and DPC 250 Magnetic Contactors	Not Applicable Procurement issue
91-46	Degradation of Emergency Diesel Generator Fuel Oil Delivery Systems (7/91)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
91-47	Failure of Thermo-Lag Fire Barrier Material to Pass Fire Endurance Test (8/91)	Not Applicable Procurement issue
91-48	False Certificates of Conformance Provided by Westinghouse Electric Supply Company for Refurbished Commercial-Grade Circuit Breakers (8/91)	Not Applicable Procurement issue
91-49	Enforcement of Safety Requirements for Radiographers (8/91)	Not applicable to commercial nuclear power plants
91-50	A Review of Water Hammer Events After 1985 (8/91)	DCD Section 10.4.7.2.2
91-51	Inadequate Fuse Control Programs (8/91)	Not Applicable Procedural issue
91-52	Nonconservative Errors in Overtemperature Delta-T Setpoint Caused by Improper Gain Settings (8/91)	Not Applicable Plant specific issue
91-52 S1	Nonconservative Errors in Overtemperature Delta-T Setpoint Caused by Improper Gain Settings (4/92)	Not Applicable Plant specific issue
91-53	Failure of Remote Shutdown System Instrumentation Because of Incorrectly Installed Components (9/91)	Not Applicable Installation issue

INFORMATION NOTICES		
Number	Title	Comment
91-54	Foreign Experience Regarding Boron Dilution (9/91)	DCD Section 3.4.14
91-55	Failures Caused by an Improperly Adjusted Test Link in a 4.16 KV General Electric Switchgear (9/91)	Not Applicable Procurement issue
91-56	Potential Radioactive Leakage to Tank Vented to Atmosphere (9/91)	Not Applicable DCD Section 6.3
91-57	Operational Experience on Bus Transfers (9/91)	Not Applicable AP1000 has no safety-related AC power DCD Section 8.3.1.1
91-58	Dependency of Offset Disc Butterfly Valve's Operation on Orientation with Respect to Flow (9/91)	Not Applicable Installation issue
91-59	Problems with Access Authorization Programs (9/91)	Not Applicable Administrative communication
91-60	False Alarms of Alarm Ratemeters Because of Radiofrequency Interference (9/91)	Not applicable to commercial nuclear power plants
91-61	Preliminary Results of Validation Testing of Motor-Operated Valve Diagnostic Equipment (9/91)	Not Applicable Procurement issue
91-62	Diesel Engine Damage Caused by Hydraulic Lockup Resulting From Fluid Leakage Into Cylinders (9/91)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1, 16.2
91-63	Natural Gas Hazards at Fort St. Vrain Nuclear Generating Station (10/91)	Not Applicable Site specific issue
91-64	Site Area Emergency Resulting From a Loss of Non-Class 1E Uninterruptible Power Supplies (10/91)	Not Applicable Procurement issue
91-64 S1	Site Area Emergency Resulting From a Loss of Non-Class 1E Uninterruptible Power Supplies	Not Applicable Procurement issue
91-65	Emergency Access to Low-Level Radioactive Waste Disposal Facilities (10/91)	Not Applicable Administrative communication
91-66	(1) Erroneous Data in "Nuclear Safety Guide, TID-7016, Revision 2," (NUREG/CR-0095, ORNL/NUREG/CSD-6 (1978)) and (2) Thermal Scattering Data Limitation in the Cross-Section Sets Provided with the Keno and Scale Codes (10/91)	Not applicable to commercial nuclear power plants DCD Section 4.3.2.6.1
91-67	Problems with the Reliable Detection of Intergranular Attack (IGA) of Steam Generator Tubing (10/91)	Not Applicable Part of COL Surveillance issue

INFORMATION NOTICES		
Number	Title	Comment
91-68	Careful Planning Significantly Reduces the Potential Adverse Impacts of Loss of Offsite Power Events During Shutdown (10/91)	Not Applicable Administrative communication
91-69	Errors in Main Steam Line Break Analyses for Determining Containment Parameters (11/91)	DCD Section 15.1.5
91-70	Improper Installation of Instrumentation Models (11/91)	Not Applicable Installation issue
91-71	Training and Supervision of Individuals Supervised by an Authorized User (11/91)	Not applicable to commercial nuclear power plants
91-72	Issuance of a Revision to the EPA Manual of Protective Action Guides and Protective Actions for Nuclear Accidents (11/91)	Not Applicable Administrative communication
91-73	Loss of Shutdown Cooling During Disassembly of High Pressure Safety Injection Systems Check Valve (11/91)	Not Applicable Maintenance/Procedural issue
91-74	Changes in Pressurizer Safety Valve Setpoints Before Installation (11/91)	Not Applicable Installation issue
91-75	Static Head Corrections Mistakenly Not Included in Pressure Transmitter Calibration Procedures (11/91)	Not Applicable Procedural issue
91-76	10 CFR parts 21 and 50.55(e) Final Rules (11/91)	Not Applicable Administrative communication
91-77	Shift Staffing at Nuclear Power Plants (11/91)	Not Applicable Administrative communication
91-78	Status Indication of Control Power for Circuit Breakers Used in Safety-Related Applications (11/91)	Not Applicable Part of COL
91-79	Deficiencies in the Procedures for Installing Thermo-Lag Fire Barrier Materials (12/91)	Not Applicable Installation issue
91-79 S1	Deficiencies Found in Thermo-Lag Fire Barrier Installation	Not Applicable Installation issue
91-80	Failure of Anchor Head Threads on Post Tensioning System During Surveillance Inspection (12/91)	Not Applicable The diesel generators for the AP1000 are not safety-related DCD Section 8.3.1
91-81	Switchyard Problems that Contribute to Loss of Offsite Power (12/91)	Not Applicable Part of COL
91-81 S1	Switchyard Problems that Contribute to Loss of Offsite Power	Not Applicable Part of COL
91-82	Problems with Diaphragms in Safety-Related Tanks (12/91)	Not Applicable Inspection/Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
91-83	Solenoid Operated Valve Failures Resulted in Turbine Overspeed (12/91)	Not Applicable Part of COL Surveillance issue
91-84	Problems with Criticality Alarm Components/Systems (12/91)	Not applicable to commercial nuclear power plants
91-85	Potential Failures of Thermostatic Control Valves for Diesel Generator Jacket Cooling Water (12/91)	Not Applicable Procurement issue
91-86	New Reporting Requirements for Contamination Events at Medical Facilities (10 CFR 30.50)	Not applicable to commercial nuclear power plants
91-87	Hydrogen Embrittlement of Raychem Cryfit Couplings (12/91)	Not Applicable Procurement issue
92-01	Cable Damage Caused by Inadequate Cable Installation Procedures and Controls	Not Applicable Procedural Issue
92-02	RELAP5/MOD3 Computer Code Error Associated with the Conservation of Energy Equation	Not Applicable RELAP5/MOD3 Computer code not used DCD Section 15.0.11
92-02 S1	RELAP5/MOD3 Computer Code Error Associated with the Conservation of Energy Equation	Not Applicable RELAP5/MOD3 Computer Code not used DCD Section 15.0.11
92-03	Remote Trip Function Failures in General Electric F-Frame Molded Circuit Breakers	Not Applicable Procurement issue
92-04	Potter & Brumfield Model MDR Rotary Relay Failures	Not Applicable Procurement issue
92-05	Potential Coil Insulation Breakdown in ABB RXMH2 Relays	Not Applicable Procurement issue
92-06	Reliability of ATWS Mitigation System and Other NRC Required Equipment Not Controlled by Plant Technical Specifications	DCD Section 16.2, 5.2.2.9, 6.3.2.5
92-06 S1	Reliability of ATWS Mitigation System and Other NRC Required Equipment Not Controlled by Plant Technical Specifications	DCD Section 16.2, 15.2.2.9, 6.3.2.5
92-07	Rapid Flow-Induced Erosion of Feedwater Piping	Not Applicable AP1000 uses Model F Steam Generator DCD Section 10.3.6
92-08	Revised Protective Action Guidance for Nuclear Incidents	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
92-09	Overloading and Subsequent Lock Out of Electrical Buses During Accident Conditions	Generic Issue 128 DCD Section 1.9.4.2.3
92-10	Brachytherapy Incidents Involving Iridium-192 Wire Used in Endobronchial Treatments	Not applicable to commercial nuclear power plants
92-11	Soil and Water Contamination at Fuel Cycle Facilities	Not applicable to commercial nuclear power plants
92-12	Effects of Cable Leakage Currents on Instrument Settings and Indications	DCD Section 7.1.2.11
92-13	Inadequate Control Over Vehicular Traffic at Nuclear Power Plant Sites	Not Applicable Administrative issue
92-14	Uranium Oxide Fires at Fuel Cycle Facilities	Not applicable to commercial nuclear power plants
92-15	Failure of Primary Compression Fitting	Not Applicable Installation issue
92-16	Loss of Flow from the RHR Pump During Refueling Cavity Draindown	Not Applicable AP1000 has no safety-related pumps
92-16 S1	Loss of Flow from the RHR Pump During Refueling Cavity Draindown	Not Applicable AP1000 has no safety-related pumps
92-16 S2	Loss of Flow from the RHR Pump During Refueling Cavity Draindown	Not Applicable AP1000 has no safety-related pumps
92-17	NRC Inspections of Programs Being Developed at Nuclear Power Plants in Response to Generic Letter 89-10	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2 See Generic Letter 89-10
92-18	Potential for Loss of Remote Shutdown Capability During Control Room Fire	Not issued
92-19	Misapplication of Potter & Brumfield MDR Rotary Relays	Not Applicable Procurement issue
92-20	Inadequate Local Leak Rate Testing	DCD Section 6.2.5
92-21	Spent Fuel Pool Reactivity Calculations	DCD Section 9.1.3.5
92-21 S1	Spent Fuel Pool Reactivity Calculations	DCD Section 9.1.3.5
92-22	Criminal Prosecution and Conviction of Wrongdoing Committed by a Commercial-Grade Valve Supplier	Not Applicable Administrative communication
92-23	Results of Validation Testing of Motor Operated Valve Diagnostic Equipment	Not Applicable Procurement issue
92-24	Distributor Modification to Certain Commercial-Grade Agastat Electrical Relays	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
92-25	Potential Weakness in Licensing Procedures for Loss of the Refueling Cavity Water	Not Applicable Procurement issue
92-26	Pressure Locking of Motor Operated Flexible Wedge Gate Valves	Not Applicable Procurement issue
92-27	Thermally Induced Accelerated Aging and Failure of ITE/Gould AC Relays Used in Safety-Related Applications	Not Applicable Procurement issue
92-28	Inadequate Fire Suppression System Testing	Not Applicable Procedural/Maintenance issue
92-29	Potential Breaker Miscoordination Caused by Instantaneous Trip Circuitry	Not Applicable Procurement issue
92-30	Falsification of Plant Records	Not Applicable Part of COL See Generic Letter 93-03
92-31	Electrical Connection Problem in Johnson Yokogawa Corporation YS-80 Programmable Indicating Controllers	Not Applicable Procurement issue
92-32	Problems ... Emergency Ventilation Systems for Near Site ... Emergency Operations Facilities & Technical Support Centers	Not Applicable Maintenance/Surveillance issue
92-33	Increased Instrument Response Time When Pressure Dampening Devices are Installed	Not Applicable Procurement issue
92-34	New Exposures Limits for Airborne Uranium and Thorium	DCD Section 12.2.2
92-35	Higher ... Erosion/Corrosion in Unisolable Reactor Coolant Pressure Boundary Piping Inside Containment at a BWR	Not Applicable Surveillance issue Part of COL DCD Section 5.4.3.4, 10.3.6 See Generic Letter 89-08
92-36	Intersystem LOCA Outside Containment	DCD Section 5.4.7.2.2, 1.9.5.1.7
92-36 S1	Intersystem LOCA Outside Containment	DCD Section 5.4.7.2.2, 1.9.5.1.7
92-37	Implementation of the Deliberate Misconduct Rule	Not Applicable Administrative communication
92-38	Implementation Date ... Revision ... EPA Manual of Protective Action Guides and Protective Actions for Nuclear Shutdown	Not Applicable Administrative communication
92-39	Unplanned Return to Criticality During Reactor Shutdown	DCD Section 15.4

INFORMATION NOTICES		
Number	Title	Comment
92-40	Inadequate Testing of Emergency Bus Undervoltage Logic Circuitry	Not Applicable Procedural/Surveillance issue
92-41	Consideration of the Stem Rejection Load in Calculation of Required Valve Thrust	Not Applicable Administrative communication
92-42	Fraudulent Bolts in Seismically Designed Walls	Not Applicable Procurement issue
92-43	Defective Molded Phenolic Armature Carriers Found on Elmwood Contractors	Not Applicable Procurement issue
92-44	Problems with Westinghouse DS-206 and DSL-206 Type Circuit Breakers	Not Applicable Procurement issue
92-45	Incorrect Relay Used in Emergency Diesel Generator Output Breaker Control Circuitry	Not Applicable The AP1000 diesel generators are not safety-related See Generic Safety Issue B-56 DCD Section 1.9.4.2.2, 8.3.1
92-46	Thermo-Lag Fire Barrier ... Review Team ... Findings, Current Fire Endurance Tests, and Ampacity Calculation Errors	Not Applicable Procurement issue
92-47	Intentional Bypassing of Automatic Actuation of Plant Protective Features	Not Applicable Procedural issue
92-48	Failure of Exide Batteries	Not Applicable Procurement issue
92-49	Recent Loss or Severe Degradation of Service Water Systems	Not Applicable The Service Water System for AP1000 is a nonsafety-related system See Generic Letter 89-13
92-50	Cracking of Valves in the Condensate Return Lines of a BWR Emergency Condenser System	Not Applicable BWR only
92-51	Misapplication and Inadequate Testing of Molded-Case Circuit Breakers	Not Applicable Maintenance/Surveillance issue
92-51 S1	Misapplication and Inadequate Testing of Molded-Case Circuit Breakers	Not Applicable Maintenance/Surveillance issue
92-52	Barriers and Seals Between Mild and Harsh Environments	Not Applicable Maintenance/Surveillance issue DCD Section 3.11
92-53	Potential Failure of Emergency Diesel Generators Due to Excessive Rate of Loading	Not Applicable The diesel generator for the AP1000 are not safety-related DCD Section 8.3.1

INFORMATION NOTICES		
Number	Title	Comment
92-54	Level Instrumentation Inaccuracies Caused by Rapid Depressurization	DCD Section 7.7.1.7
92-55	Current File Endurance Test Results for Thermo-Lag Fire Barrier Material	Not Applicable Procurement issue
92-56	Counterfeit Valves in the Commercial Grade Supply System	Not Applicable Procurement issue See Generic Letter 89-02
92-57	Radial Cracking of Shroud Support Access Hole Cover Welds	Not Applicable BWR only
92-58	Uranium Hexafluoride Cylinder - Deviations in Coupling Welds	Not applicable to commercial nuclear power plants
92-59	Horizontally-Installed Motor Operated Gate Valves	Not Applicable Procurement/installation issue DCD Section 3.9.6.2 See Generic Letter 89-10
92-59 R1	Horizontally-Installed Motor Operated Gate Valves	Not Applicable Procurement/installation issue DCD Section 3.9.6.2 See Generic Letter 89-10
92-60	Valve Stem Failure Caused by Embrittlement	Not Applicable Procurement issue
92-61	Loss of High Head Safety Injection	Not Applicable AP1000 has no HHSI
92-61 S1	Loss of High Head Safety Injection	Not Applicable AP1000 has no HHSI
92-62	Emergency Response Information Requirements for Radioactive Material Shipments	Not Applicable Procurement issue
92-63	Cracked Insulators in ASL Dry Type Transformers Manufactured by Westinghouse Electric Company	Not Applicable Procurement issue
92-64	Nozzle Ring Settings in Low Pressure Water Relief Valves	Not Applicable Procurement issue
92-65	Safety System Problems Caused by Modifications that were not Adequately Reviewed and Tested	Not Applicable Maintenance/Surveillance issue
92-66	Access Denied to NRC Inspectors at Five Star Products, Inc and Construction Products Research, Fairfield, Connecticut	Not Applicable Administrative communication
92-67	Deficiency in Design Modifications to Address Failures of Hiller Actuators Upon a Gradual Loss of Air Pressure	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
92-68	Potentially Substandard Slip-On, Welded Neck, and Blind Flanges	Not Applicable Procurement issue
92-69	Water Leakage from Yard Area Through Conduits into Buildings	DCD Section 3.4.1
92-70	Westinghouse Motor Operated Valve Performance Data Supplied to Nuclear Power Plant Licenses	Not Applicable Procurement issue
92-71	Partial Plugging of Suppression Pool Strainers at a Foreign BWR	Not Applicable BWR only
92-72	Employee Training and Shipper Registration Requirements for Transporting Radioactive Materials	Not applicable to commercial nuclear power plants
92-73	Removal of a Fuel Element from a Research Reactor Core While Critical	Not applicable to commercial nuclear power plants
92-74	Power Oscillations at Washington Nuclear Power Unit 2	Not Applicable BWR only
92-75	Unplanned Intakes of Airborne Radioactive Material by Individuals at Nuclear Power Plants	Not Applicable Procurement issue DCD Section 12.3.4
92-76	... Supp 1 to NUREG-1358 "Lessons Learned ... Inspection Program for Emergency Operating Procedures (10/88 - 9/91	Not Applicable Procurement issue Part of COL DCD Section 13.5
92-77	Questionable Selection and Review to Determine Suitability of Electropneumatic Relays for Certain Applications	Not Applicable Procurement issue
92-78	Piston to Cylinder Liner Tin Smearing on Cooper-Bessemer KSV Diesel Engines	Not Applicable Procurement issue
92-79	Non-Power Reactor Emergency Event Response	See Emergency Response Guidelines
92-80	Operation with Steam Generator Tubes Seriously Degraded	DCD Section 5.4.2.4.2 See USI-A3 DCD Section 1.9.4.2.2
92-81	Potential Deficiency of Electrical Cables with Bonded Hypalon Jackets	Not Applicable Procurement issue DCD Section 3.11
92-82	Results of Thermo-Lag 330-1 Combustibility Testing	Not Applicable Procurement issue
92-83	Thrust Limits for Limitorque Actuators and Potential Overstressing of Motor Operated Valves	Not Applicable Procurement issue
92-84	Release of Patients Treated with Temporary Implants	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
92-85	Potential Failures of Emergency Core Cooling System Caused by Foreign Material Blockage	Not Applicable Surveillance issue
92-86	Unexpected Restriction to Thermal Growth of Reactor Coolant Piping	DCD Section 5.4.10.1
93-01	Accuracy of Motor-Operated Valve Diagnostic Equipment Manufactured by Limerty Technologies	Not Applicable Procurement issue
93-02	Malfunction of a Pressurizer Code Safety Valve	Not Applicable Procurement issue DCD Section 5.4.9
93-03	Recent Revision to 10 CFR Part 20 and Change of Implementation Date to January 1, 1994	Not Applicable Administrative communication
93-04	Investigation and Reporting of Misadministration by the Radiation Safety Officer	Not Applicable Part of COL DCD Section 13.5
93-05	Locking of Radiography Exposure Devices	Not applicable to commercial nuclear plants
93-06	Potential Bypass Leakage Paths Around Filters Installed in Ventilation Systems	DCD Section 6.4
93-07	Classification Transportation Emergencies	Not Applicable Part of COL DCD Section 13.3
93-08	Failure of RHR Pump Bearings due to High Thrust Loading	Not Applicable The AP1000 has no safety-related pumps
93-09	Failure of Undervoltage Trip Attachment on Westinghouse Model DB-50 Reactor Trip Breaker	Not Applicable Procurement issue
93-10	Dose Calibrator Quality Control	Not applicable to commercial nuclear plants
93-11	Single Failure Vulnerability of Engineered Safety Features Actuation Systems	See Generic Letter 89-18 USI A-17 DCD Section 1.9.4.2.2, 7.5
93-12	Off-Gassing in Auxiliary Feedwater System Raw Water Sources	The AP1000 does not have a safety-related auxiliary feedwater system. See Generic Issue 124 DCD Section 1.9.4.2.3
93-13	Undetected Modifications of Flow Characteristics in the High Pressure Safety Injection System	DCD Sections 5.2.4, 6.6 See Generic Letter 89-04
93-14	Clarification of 10 CFR 40.22, Small Quantities of Source Material	Not applicable to commercial nuclear plants

INFORMATION NOTICES		
Number	Title	Comment
93-15	Failure to Verify the Continuity of Shunt Trip Attachment Contacts in Manual Safety Injection and Reactor Trip Switches	Not Applicable Maintenance/Surveillance issue
93-16	Failures of Nut-Locking Devices in Check Valves	Not Applicable Procurement issue
93-17	Safety System Response to Loss of Coolant and Loss of Offsite Power	Not Applicable The AP1000 is a Passive plant design and does not require offsite power Design Criteria 17 DCD Section 3.1.2
93-17 R1	Safety System Response to Loss of Coolant and Loss of Offsite Power	Not Applicable The AP1000 is a Passive plant design and does not require offsite power Design Criteria 17 DCD Section 3.1.2
93-18	Portable Moisture-Density Gauge User Responsibilities During Field Operations	Not applicable to commercial nuclear plants
93-19	Slab Hopper Bulging	Not applicable to commercial nuclear plants
93-20	Thermal Fatigue Cracking of Feedwater Piping to Steam Generators	Generic Letter 124/14 DCD Section 1.9.4.2.3
93-21	Summary of ... Observations Compiled During Engineering Audits or Inspections of Licensee Erosion/Corrosion Programs	Not Applicable Surveillance Issue Part of COL See Generic Letter 89-08
93-22	Tripping of Klockner-Moeller Molded-Case Circuit Breakers due to Support Lever Failure	Not Applicable Procurement issue
93-23	Weschler Instruments Model 252 Switchboard Meters	Not Applicable Procurement issue
93-24	Distribution of Revision 7 of NUREG-1021, "Operator Licensing Examiner Standards"	Not Applicable Procurement issue
93-25	Electrical Penetration Assembly Degradation	Qualification/Surveillance issue DCD Section 3.11
93-26	Grease Solidification Causes Molded Case Circuit Breaker Failure to Close	Not Applicable Procurement issue
93-26 S1	Grease Solidification Causes Molded Case Circuit Breaker Failure to Close	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
93-27	Level Instrumentation Inaccuracies Observed During Normal Plant Depressurization	Not Applicable Maintenance/Surveillance issue See Information Notice 92-54 DCD Section 7.7.1.7
93-28	Failure to Consider Loss of DC Bus in the Emergency Core Cooling System Evaluation May Lead to Nonconservative Analysis	Not Applicable DCD Section 6.3, Chapter 15
93-29	Problems with use of Unshielded Test Leads in Reactor Protection System Circuitry	Not Applicable Maintenance/Surveillance testing
93-30	NRC Requirements for Evaluation of Wipe Test Results; Calibration of Court Rate Survey Instruments	Not Applicable Procurement issue
93-31	Training of Nurses Responsible for the Care of Patients with Brachytherapy Implants	Not applicable to commercial nuclear plants
93-32	Nonconservative Inputs for Boron Solution Event Analysis	DCD Section 15.4.6 See Generic Letter 85-05
93-33	Potential Deficiency of Certain Class 1E Instrumentation and Control Cables	Not Applicable Procurement issue DCD Section 3.11
93-34	Potential for Loss of Emergency Cooling Function due to a Combination of Operational and Post-LOCA Debris in Containment	DCD Section 6.3.2.5 See also Bulletin 93-02
93-34 S1	Potential for Loss of Emergency Cooling Function due to a Combination of Operational and Post-LOCA Debris in Containment	DCD Section 6.3.2.5 See also Bulletin 93-02
93-35	Insights From Common-Cause Failure Events	Not Applicable Administrative communication
93-36	Notifications, Reports and Records of Misadministrations	Not applicable to commercial nuclear plants
93-37	Eyebolts with Indeterminate Properties Installed in Limitorque Valve Operator Housing Covers	Not Applicable Procurement issue
93-38	Inadequate Testing of Engineered Safety Actuation Systems	Not Applicable Surveillance issue
93-39	Radiation Beams from Power Reactor Biological Shields	Not Applicable BWR only
93-40	Fire Endurance Test Results for Thermal Ceramics FP-60 Fire Barrier Material	Not Applicable Procurement issue
93-41	One Hour Fire Endurance Test Results for ... Kaowool, ... FS-195, and ... Interim E-50 Fire Barrier Systems	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
93-42	Failure of Anti-Rotation Keys in Motor-Operated Valves Manufactures by Velan	Not Applicable Procurement issue
93-43	Use of Inappropriate Lubrication Oils in Safety-Related Applications	Not Applicable Procurement issue
93-44	Operational Challenges During a Dual-Unit Transient	Not Applicable Part of COL DCD Section 18.7
93-45	Degradation of Shutdown Cooling System Performance	Not Applicable Procedural issue
93-46	Potential Problem with Westinghouse Rod Control System & Inadvertent Withdrawal of a Single Rod Control Cluster Assembly	DCD Section 3.9.6 See Generic Letter 93-04
93-47	Unrecognized Loss of Control Room Annunciators	Not Applicable Procedural issue
93-48	Failure of Turbine-Driven Main Feedwater Pump to Trip because of Contaminated Oil	The AP1000 has no safety-related pumps
93-49	Improper Integration of Software into Operating Practices	Not Applicable Part of COL See also Information Notice 92-06
93-50	Extended Storage of Sealed Sources	Not applicable to commercial nuclear plants
93-51	Repetitive Overspeed Tripping of Turbine-Driven Auxiliary Feedwater Pumps	Not Applicable The AP1000 has no safety-related pumps and no turbine-driven pump
93-52	Draft NUREG-1477, "Voltage-Based Interim Plugging Criteria for Steam Generator Tubes"	Not Applicable Administrative communication
93-53	Effect of Hurricane Andrew on Turkey Point Nuclear Generating Station and Lessons Learned	Not Applicable Procedural issue
93-53 S1	Effect of Hurricane Andrew on Turkey Point Nuclear Generating Station and Lessons Learned	Not Applicable Procedural issue
93-54	Motor-Operated Valve Actuator Thrust Variations Measured with a Torque Thrust Cell and a Strain Gage	Not Applicable Procurement issue
93-55	Potential Problem with Main Steamline Break Analysis for Main Steam Vaults/Tunnels	DCD Section 6.1.2.4
93-56	Weakness in Emergency Operating Procedures Found as Result of Steam Generator Tube Rupture	Not Applicable Part of COL DCD Section 13.5 Also Emergency Response Guidelines

INFORMATION NOTICES		
Number	Title	Comment
93-57	Software Problems Involving Digital Control Console Systems at Non-Nuclear Reactors	Reg. Guide 1.152 DCD Section 7.1-7.6
93-58	Nonconservatism in Low-Temperature overpressure Protection for Pressurized-Water Reactors	Generic Issue 94 DCD Section 5.3.3, 5.2.2, 1.9.4
93-59	Unexpected Opening of both Doors in an Airlock	Not Applicable Procurement issue
93-60	Reporting Fuel Cycle and Materials Events to the NRC Operations Center	Not Applicable Procurement issue
93-60 S1	Reporting Fuel Cycle and Materials Events to the NRC Operations Center (file managers note concerning the attachment was revised)	Not Applicable Procurement issue
93-61	Excessive Reactor Coolant Leakage Following a Seal Failure in a Reactor Coolant Pump or Reactor Recirculation Pump	Generic Issue 23 DCD Section 1.9.4
93-62	Thermal Stratification of Water in BWR Reactor Vessels	Not Applicable BWR only
93-63	Improper Use of Soluble Weld Purge Dam Material	Not Applicable Procurement issue
93-64	Periodic Testing and Preventative Maintenance of Molded Case Circuit Breakers	Not Applicable Maintenance issue
93-65	Reactor Trips Caused by Breaker Testing with Fault Protection Bypassed	Not Applicable Procurement issue
93-66	Switchover to Hot-Leg Injection Following a Loss-Of-Coolant Accident in Pressurized Water Reactors	Not Applicable The AP1000 has a passive core cooling system. DCD Section 6.3
93-67	Bursting of High Pressure Coolant Injection Steam Line Rupture Discs Injures Plant Personnel	Not Applicable The AP1000 does not have a high pressure coolant injection system
93-68	Failure of Pump Shaft Coupling Caused by Temper Embrittlement during Manufacture	Not Applicable The AP1000 has no safety-related pumps
93-69	Radiographic Events at Operating Reactors	Not Applicable Part of COL DCD Section 13.5
93-70	Degradation of Boraflex Neutron Absorber Coupons	Not Applicable Procurement issue See Information Notice 87-43
93-71	Fire at Chernobyl Unit 2	DCD Section 9.5.1

INFORMATION NOTICES		
Number	Title	Comment
93-72	Observations from Recent Shutdown Risk and Outage Management Pilot Team Inspections	Not Applicable Administrative communication
93-73	Criminal Prosecution of Nuclear Suppliers for Wrongdoing	Not Applicable Administrative communication
93-74	High Temperatures Reduce Limitorque AC Motor Operator Torque	Not Applicable Procurement issue
93-75	Spurious Tripping of Low-Voltage Power Circuit Breakers with GE RMS-9 Digital Trip Units	Not Applicable Procurement issue
93-76	Inadequate Control of Paint and Cleaners for Safety-Related Equipment	Not Applicable Procurement/Administrative issue
93-77	Human Errors that Results in Inadvertent Transfers of Special Nuclear Material at Fuel Cycle Facilities	Not applicable to commercial nuclear plants
93-78	Inoperable Safety Systems at a Non-Power Reactor	Not Applicable Part of COL DCD Section 13.2.1, 13.5.2
93-79	Core Shroud Cracking at Beltline Region Welds in Boiling-Water Reactors	Not Applicable BWR only
93-80	Implementation of the Revised 10 CFR Part 20	Not applicable to commercial nuclear plants
93-81	Implementation of Engineering Expertise on Shift	DCD Section 18.7 Generic Letter 86-06
93-82	Recent Fuel and Core Performance Problems in operating Reactors	DCD Section 4.2.3.1.1
93-83	Potential Loss of Spent Fuel Pool Cooling Following a Loss of Coolant Accident (LOCA)	Not Applicable BWR only
93-83 S1	Potential Loss of Spent Fuel Pool Cooling Following a Loss of Coolant Accident (LOCA) or a Loss of Offsite Power	Not Applicable BWR only
93-84	Determination of Westinghouse Reactor Coolant Pump Seal Failure	Not Applicable The AP1000 RCPs are canned motors
93-85	Problems with X-Relays in DB- and DHB-Type Circuit Breakers Manufactured by Westinghouse	Not Applicable Procurement issue
93-85 R1	Problems with X-Relays in DB- and DHB-Type Circuit Breakers Manufactured by Westinghouse	Not Applicable Procurement issue
93-86	Identification of Isotopes in the Production and Shipment of Byproduct Material at Non-Power Reactors	Not Applicable Part of COL DCD Section 11.4.6

INFORMATION NOTICES		
Number	Title	Comment
93-87	Fuse Problems with Westinghouse 7300 Printed Circuit Cards	Not Applicable Procurement issue
93-88	Status of Motor-Operated Valve Performance Prediction Program by the Electric Power Research Institute	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2 See Generic Letter 89-10
93-89	Potential Problems with BWR Level Instrumentation Backfill Modifications	Not Applicable BWR only
93-90	Unisolatable Reactor Coolant System Leak Following Repeated Applications of Leak Sealant	Not Applicable Procurement issue
93-91	Misadjustment Between General Electric 4.16-KV Circuit Breakers and their Associated Cubicles	Not Applicable Procurement issue
93-92	Plant Improvements to Mitigate Common Dependencies in Component Cooling Water Systems	See Generic Letter 88-20 AP1000 Probabilistic Risk Assessment report/AP1000 CCW System is not safety-related
93-93	Inadequate Control of Reactor Coolant System Conditions during Shutdown	Not Applicable Part of COL DCD Section 13.5, 18.6
93-94	Unauthorized Forced Entry Into the Protected Area At Three Mile Island Unit 1 on February 7, 1993	Not Applicable Administrative communication Security Design Report
93-95	Storm-Related Loss of Offsite Power Events Due to Salt Buildup on Switchyard Insulators	Not Applicable The AP1000 does not require any ac power to achieve and maintain safe shutdown. DCD Section 8.2.2.1-8.2.2.6
93-96	Improper Reset Causes Emergency Diesel Generator Failure	Not Applicable AP1000 diesel generators are not safety-related DCD Section 8.3.1
93-97	Failures of Yokes Installed on Walworth Gate and Globe Valves	Not Applicable Procurement issue
93-98	Motor Brakes on Valve Actuator Motors	Not Applicable Procurement issue The AP1000 motor operated valves will not have Motor Brakes
93-99	Undervoltage Relay and Thermal Overload Setpoint Problems	DCD Section 8.3.1.1.1.1 See also Generic letter 88-15
93-100	Reporting Requirements for Bankruptcy	Not Applicable Administrative communication

INFORMATION NOTICES		
Number	Title	Comment
93-101	Jet Pump Hold-Down Beam Failure	Not Applicable BWR only
94-01	Turbine Blade Failures Caused by Torsional Excitation from Electrical System Disturbance	Not Applicable Maintenance/Surveillance issue DCD Section 10.2.2.8
94-02	Inoperability of General Electric Magne-Blast Breaker Because of Misalignment of Close-Latch Spring	Not Applicable Procurement issue
94-03	Deficiencies Identified During Service Water System Operational Performance Inspections	Not Applicable The service water system for AP1000 is a nonsafety-related system
94-04	Digital Integrated Circuit Sockets with Intermittent Contact	Not Applicable Procurement issue
94-05	Potential Failure of Steam Generator Tubes with Kinetically Welded Sleeves	Not Applicable Procurement issue DCD Section 5.4.2.4.2 See USI-A3 DCD Section 1.9.4.2.2
94-06	Potential Failure of Long Term Emergency Nitrogen Supply for the Automatic Depressurization System Valves	Not Applicable BWR only
94-07	Solubility Criteria for Liquid Effluent Releases to Sanitary Sewerage under the Revised 10 CFR Part 20	Not applicable to commercial nuclear plants
94-08	Potential for Surveillance Testing to Fail to Detect an Inoperable Main Steam Isolation Valve	Not Applicable Surveillance issue
94-09	Release of Patients with Residual Radioactivity from Medical Treatment and Control Areas ... Revised 10 CFR Part 20	Not applicable to commercial nuclear plants
94-10	Failure of Motor Operated Valve Electric Power Train due to Sheared or Dislodged Motor Pinion Gear Key	Not Applicable Administrative communication/procurement issue
94-11	Turbine Overspeed and Reactor Cooldown during Shutdown Evolution	Not Applicable Plant specific
94-12	Insights Gained from Resolving Generic Issue 57: Effects of Fire Protection System Actuation on Safety-Related Equipment	Generic Issue 57 DCD Section 1.9.4.2.3, 9.5.1
94-13	Unanticipated & Unintended Movement - Fuel Assemblies & Other Components Due - Improper Operation of Refueling Equipment	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
94-13 S1	Unanticipated & Unintended Movement - Fuel Assemblies & Other Components Due - Improper Operation of Refueling Equipment	Not Applicable Procurement issue
94-13 S2	Control and Oversight of Contractors During Refueling Activities and Clarification of Applicability of 10CFR50.120 to Personnel	Not Applicable Procurement issue
94-14	Failure to Implement ... Biennial Medical Examinations & Notification ... Changes in Licensed Operator Medical Conditions	Not applicable to commercial nuclear plants
94-15	Radiation Exposures during an Event Involving a Fixed Nuclear Gauge	Not applicable to commercial nuclear plants
94-16	Recent Incidents Resulting in Offsite Contamination	Not applicable to commercial nuclear plants
94-17	Strontium-90 Eye Applicators: Submission of Quality Management Plan (QMP), Calibration, and Use	Not applicable to commercial nuclear plants
94-18	Accuracy of Motor Operated Valve Diagnostic Equipment (Responses to Supplement 5 to Generic Letter 89-10)	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
94-19	Emergency Diesel Generator Vulnerability to Failure From Cold Fuel Oil	Not Applicable The AP1000 diesel generators are not safety-related DCD Section 8.3.1
94-20	Common-Cause Failures due to Inadequate Design Control and Dedication	Not Applicable Procurement issue
94-21	Regulatory Requirements when No Operations are Being Performed	Not applicable to commercial nuclear plants
94-22	Fire Endurance and Ampacity Derating Test Results for 3-Hour Fire Rated Thermo-Lag 330-1 Fire Barriers	Not Applicable Procurement issue
94-23	Guidance to Hazardous, Radioactive and Mixed Waste Generators on the Elements of a Waste Minimization Program	DCD Chapter 11 See also Generic Letter 81-38
94-24	Inadequate Maintenance of Uninterruptable Power Supplies and Inverters	Not Applicable Maintenance issue
94-25	Failure of Containment Spray Header Valve to Open Due to Excessive Pressure from Inertial Effects of Water	Not Applicable The AP1000 has no containment sprays
94-26	Personnel Hazards and Other and Other Problems from Smoldering Fire-Retardant Material in the Drywell of a Boiling Water Reactor	Not Applicable BWR only

INFORMATION NOTICES		
Number	Title	Comment
94-27	Facility Operating Concerns Resulting from Local Area Flooding	DCD Section 3.4
94-28	Potential Problems with Fire-Barrier Penetration Seals	Not Applicable Installation/Surveillance/ Procurement issue
94-29	Charging Pump Trip during a Loss-of-Coolant Event Caused by Low Suction Pressure	The AP1000 has no safety-related pumps
94-30	Leaking Shutdown Cooling Isolation Valves at Cooper Nuclear Station	See Information Notice 84-74 DCD Section 7.6.1
94-30 S1	Leaking Shutdown Cooling Isolation Valves at Cooper Nuclear Station	See Information Notice 84-74 DCD Section 7.6.1
94-31	Potential Failure of Wilco, Lexan-Type HN-4-L Fire Hose Nozzles	Not Applicable Procurement issue
94-32	Revised Seismic Hazard Estimates	Not Applicable Site specific DCD Section 3.10
94-33	Capacitor Failures in Westinghouse Eagle 21 Protection Systems	Not Applicable Procurement issue
94-34	Thermo-Lag 330-660 Flexi-Blanket Ampacity Derating Concerns	Not Applicable Procurement issue
94-35	Niosh Respirator User Notices, "Inadvertent Separation of the MMR from the Facepiece of MSA SCBA and Status"	Not Applicable Procurement issue
94-36	Undetected Accumulation of Gas in Reactor Coolant System	Not Applicable Procedural issue
94-37	Misadministration Caused by a Bent Interstitial Needle during Brachytherapy Procedure	Not Applicable to commercial nuclear power plants
94-38	Results of a Special NRC Inspection at Dresden ... Unit 1 Following a Rupture of Service Water Inside Containment	Not Applicable BWR only
94-39	Identified Problems in Gamma Stereotactic Radiosurgery	Not applicable to commercial nuclear plants
94-40	Failure of a Rod Control Cluster Assembly to Fully Insert Following a Reactor Trip at Braidwood Unit 2	Not Applicable Installation/Surveillance issue
94-40 S1	Failure of a Rod Control Cluster Assembly to Fully Insert Following a Reactor Trip at Braidwood Unit 2	Not Applicable Installation/Surveillance issue
94-41	Problems with General Electric Type CR124 Overload Ambient Compensation	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
94-42	Cracking in the Lower Region of the Core Shroud in Boiling Water Reactors	Not Applicable BWR only
94-42 S1	Cracking in the Lower Region of the Core Shroud in Boiling Water Reactors	Not Applicable BWR only
94-43	Determination of Primary-to Secondary Steam Generator Leak Rate	DCD Section 11.5 See Information Notices 88-44, 94-05
94-44	Main Steam Isolation Valve Failure to Close on Demand because of Inadequate Maintenance and Testing	Not Applicable Maintenance issue
94-45	Potential Common-Mode Failure Mechanism for Large Vertical Pumps	Not Applicable AP1000 has no safety-related pumps
94-46	Nonconservative Reactor Coolant System Leakage Calculation	Not Applicable Part of COL
94-47	Accuracy of Information Provided to NRC during the Licensing Process	Not applicable to commercial nuclear power plants
94-48	Snubber Lubricant Degradation in High Temperature Environments	USI-A13 DCD Section 1.9.4.2.2
94-49	Failure of Torque Switch Roll Pins	Not Applicable Procurement issue
94-50	Failure of General Electric Contactors to Pull in at the Required Voltage	Not Applicable Procurement issue
94-51	Inappropriate Greasing of Double Shielded Motor Bearings	Not Applicable Maintenance issue
94-52	Inadvertent Containment Spray and Reactor Vessel Draindown at Millstone Unit 1	Not Applicable Procedural issue
94-53	Hydrogen Gas Burn Inside Pressurizer during Welding	Not Applicable Procedural issue
94-54	Failures of General Electric Magne-Blast Circuit Breakers to Latch Closed	Not Applicable Procurement issue
94-55	Problems with Copes-Vulcan Pressurizer Power-Operated Relief Valve	Not Applicable Procurement issue
94-56	Inaccuracy of Safety Valve Set Pressure Determination using Assist Devices	Not Applicable Procedural issue
94-57	Debris in Containment and the Residual Heat Removal System	Not Applicable Maintenance issue See also Information Notice 93-34

INFORMATION NOTICES		
Number	Title	Comment
94-58	Reactor Coolant Pump Lube Oil Fire	The AP1000 RCPs are a canned motor design and have no lube oil system DCD Section 5.4.1.2
94-59	Accelerated Delloying of Cast Aluminum-Bronze Valves Caused by Microbiologically Induced Corrosion	Not Applicable Procurement issue
94-60	Potential Overpressurization of Main Steam System	DCD Section 10.3, Chapter 16 Tech Spec 3.7.1
94-61	Corrosion of William Powell Gate Valve Disc Holders	Not Applicable Procurement issue
94-61 S1	Corrosion of William Powell Gate Valve Disc Holders	Not Applicable Procurement issue
94-62	Operational Experience on Steam Generator Tube Leaks and Tube Ruptures	USI A-3 DCD Section 1.9.4.2.2 Item A-3 See also Information Notice 94-43
94-63	Boric Acid Corrosion of Charging Pump Casing Caused by Cladding Cracks	Not Applicable The AP1000 has no safety-related pumps
94-64	Reactivity Insertion Transient and Accident Limits for High Burnup Fuel	DCD Section 4.2.1
94-64 S1	Reactivity Insertion Transient and Accident Limits for High Burnup Fuel	DCD Section 4.2.1
94-65	Potential Error in Manual Brachytherapy Dose Calculations Generated Using a Computerized Treatment Planning System	Not applicable to commercial nuclear power plants
94-66	Overspeed of Turbine-Driven Pumps Caused by Governor Valve Stem Binding	Not Applicable The AP1000 has no safety-related pumps and no turbine-driven pumps
94-66 S1	Overspeed of Turbine-Driven Pumps Caused by Governor Valve Stem Binding	Not Applicable The AP1000 has no safety-related pumps and no turbine-driven pumps
94-67	Problem with Henry Pratt Motor Operated Butterfly Valve	Not Applicable Procurement issue
94-68	Safety-Related Equipment Failures Caused by Faulted Indicating Lamps	Not Applicable Procurement issue DCD Section 3.11
94-69	Potential Inadequacies in the Prediction of Torque Requirements for and Torque Output of Motor-Operated Butterfly Valves	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
94-70	Issues Associated with the Use of Strontium-89 and Other Beta Emitting Radiopharmaceuticals	Not applicable to commercial nuclear plants
94-71	Degradation of Scram Solenoid Pilot Valve Pressure and Exhaust Diaphragms	Not Applicable BWR Only
94-72	Increased Control Rod Drop Time from Crud Build-up	Not Applicable BWR Only
94-73	Clarification of Criticality Reporting Criteria	Not applicable to commercial nuclear power plants
94-74	Facility Management Responsibilities for Purchased or Contracted Services for Radiation Therapy Programs	Not applicable to commercial nuclear power plants
94-75	Minimum Temperature for Criticality	DCD Chapter 16 Tech Spec 3.4.2
94-76	Recent Failures of Charging/Safety Injection Pump Shafts	Not Applicable The AP1000 has no safety-related pumps
94-77	Malfunction in Main Generator Voltage Regulator Causing Overvoltage at Safety-Related Electrical Equipment	The AP1000 onsite ac power is a non-class 1E system DCD Section 8.3.1.1
94-78	Electrical Component Failure due to Degradation of Polyvinyl Chloride Wire Insulation	Not Applicable Procurement issue
74-79	Microbiological Influenced Corrosion of Emergency Diesel Generator Service Water Piping	Not Applicable The AP1000 diesel generators are not safety-related. Surveillance issue
94-80	Inadequate DC Detection in Direct Distribution Systems	DCD Section 8.3.2.2 See also Information Notice 88-86
94-81	Accuracy of Bioassay and Environment Sampling Results	Not Applicable to commercial nuclear power plants
94-82	Concerns Regarding Essential Chiller Reliability during Periods of Low Cooling Water Temperature	The component cooling water system and the chillers are nonsafety-related closed loop cooling system DCD Section 9.2.2
94-83	Reactor Trip Followed by Unexpected Events	Not Applicable Procurement issue
94-84	Air Entrainment in Terry Lubricating Oil System	Not Applicable Procurement issue
94-85	Problems with the Latching Mechanism in Potter and Brumfield R10-E3286-2 Relays	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
94-86	Legal Actions Against Thermal Science, Inc., Manufacturer of Thermo-Lag	Not Applicable Procurement issue
94-86 S1	Legal Actions Against Thermal Science, Inc., Manufacturer of Thermo-Lag	Not Applicable Procurement issue
94-87	Unanticipated Crack in a Particular Heat of Alloy 600 used for Westinghouse Mechanical Plugs for Steam Generator Tubes	Not Applicable Tubes fabricated from alloy 690 DCD Section 5.4.2
94-88	Inservice Inspection Deficiencies Result in Severely Degraded Steam Generator Tubes	Not Applicable Maintenance issue See USI-A3 DCD Section 1.9.4.2.2, 5.4.2
94-89	Equipment Failures at Irradiator Facilities	Not Applicable to commercial nuclear power plants
94-90	Transient Resulting in a Reactor Trip and Multiple Safety Injection System Actuations at Salem	Not Applicable Procedural issue
95-01	DOT Safety Advisory: High Pressure Aluminum Seamless and Aluminum Composite Hoop-Wrapped Cylinders	Not Applicable Procedural issue See also Information Notice 83-68
95-02	Problems with General Electric CR2940 Contact Blocks in Medium Voltage Circuit Breakers	Not Applicable Procurement issue
95-03	Loss of Reactor Coolant Inventory Loss of Emergency Mitigation Functions While in a Shutdown Condition	Not Applicable Procedural issue See also Generic Letter 88-12 DCD Section 1.9.5.1
95-03 S1	Loss of Reactor Coolant Inventory Loss of Emergency Mitigation Functions While in a Shutdown Condition	Not Applicable Procedural issue See also Generic Letter 88-17 DCD Section 1.9.5.1
95-04	Excessive Cooldown and Depressurization of the Reactor Coolant System Following a Loss of Off-site Power	See Emergency Response Guidelines
95-05	Undervoltage Protection Relay Settings out of Tolerance due to Test Equipment Harmonics	Not Applicable Procedural/Testing issue
95-06	Potential Blockage of Safety-Related Strainers by Material Brought Inside Containment	The AP1000 has no safety-related pumps See 1E Bulletin 93-02 and Information Notice 93-36 DCD Section 6.3.2.5
95-07	Radiopharmaceutical Vial Breakage During Preparation	Not applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
95-08	Inaccurate Data Obtained with Clamp-on Ultrasonic Flow Measurement instruments	Not Applicable Procedural issue
95-09	Use of Inappropriate Guidelines and Criteria for Nuclear Piping and Pipe Support Evaluation and Design	Not Applicable Administrative Communication See also Generic Letter 91-18
95-10	Potential for loss of Automatic Engineered Safety Features Actuation	DCD Section 7.1.2.3 8.1.2, 7.3.1
95-10 S1	Potential for loss of Automatic Engineered Safety Features Actuation (Corrected)	DCD Section 7.1.2.3 8.1.2, 7.3.1
95-10 S2	Potential for loss of Automatic Engineered Safety Features Actuation	DCD Section 7.1.2.3 8.1.2, 7.3.1
95-11	Failure of Condensate Piping because of Erosion/Corrosion at a Flow-Straightening Device	Not Applicable Surveillance issue part of COL DCD Sections 5.4.3.4, 10.3.6 See Generic Letter 89-08
95-12	Potentially Nonconforming Fasteners Supplied by A&G Engineering II, Inc.	Not Applicable Procurement issue
95-12 S1	Potentially Nonconforming Fasteners Supplied by A&G Engineering II, Inc.	Not Applicable Procurement issue
95-13	Potential for Data Collection Equipment to Affect Protection System Equipment	Reg. Guide 1.118 DCD Section 1.9.4 Table 1.9-1
95-13 S1	Potential for Data Collection Equipment to Affect Protection System Performance	Reg. Guide 1.118 DCD Section 1.9.4 Table 1.9-1
95-14	Susceptibility of Containment Sump Recirculation Gate Valves to Pressure Locking	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
95-15	Inadequate Logic Testing of Safety-Related Circuits	Not Applicable Procedural issue
95-16	Vibration Caused by Increased Recirculation Flow in a Boiling Water Reactor	Not Applicable BWR only
95-17	Reactor Vessel Top Guide Plate Cracking	Not Applicable BWR only
95-18	Potential Pressure-Locking of Safety-Related Power Operated Gate Valves	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
95-18 S1	Potential Pressure-Locking of Safety-Related Power Operated Gate Valves	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2

INFORMATION NOTICES		
Number	Title	Comment
95-19	Failure of Reactor Trip Breaker to Open Because of Cutoff Valve Switch Material Lodged in the Trip Latch Mechanism	Not Applicable Procurement issue
95-20	Failures of Rosemount Pressure Transmitters due to Hydrogen Permeation into the Sensor Cell	Not Applicable Procurement issue
95-21	Unexpected Degradation of Lead Storage Batteries	Not Applicable Procurement issue DCD Section 8.3.2.1.4
95-22	Hardened or Contaminated Lubricants cause Metal Clad Circuit Breaker Failure	Not Applicable Procurement/Maintenance issue
95-23	Control Room Staffing Below Minimum Regulatory Requirements	Not Applicable Administrative Communication
95-24	Summary of Licensed Operator Requalification Inspection Program Findings	Not Applicable Administrative Communication
95-25	Valve Failure during Patient Treatment with Gamma Stereotactic Radiosurgery	Not applicable to commercial nuclear plants
95-26	Defect in Safety-Related Pump Parts due to Inadequate Heat Treatment	Not Applicable The AP1000 has no safety-related pumps
95-27	NRC Review of Nuclear Energy Institute, "Thermo-Lag 330-1 Combustibility Evaluation Methodology Plant Screening Guide"	Not Applicable Procurement issue
95-28	Emplacement of Support Pads for Spent Fuel Dry Storage Installations at Reactor Sites	Not Applicable Installation issue
95-29	Oversight of Design and Fabrication Activities for Metal Components used in Spent Fuel Dry Storage System	DCD Section 9.1.2.1
95-30	Susceptibility of Low-Pressure Coolant Injection and Core Spray Injection Valves to Pressure Locking	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2 See also Information Notice 95-14
95-31	Motor Operated Valve Failure Caused by Stem Protector Pipe Interface	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
95-32	Thermo-Lag 330-1 Flame Spread Test Results	Not Applicable Procurement issue
95-33	Switchgear Fire and Partial Loss of Offsite Power at Waterford Generating Station, Unit 3	Not Applicable Administrative Communication

INFORMATION NOTICES		
Number	Title	Comment
95-34	Air Actuator and Supply Regulator Problems in Copes-Vulcan Pressurizer Power Operated Relief Valves	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
95-35	Degraded Ability of Steam Generators to Remove Decay Heat by Natural Circulation	DCD Section 5.4.1.3.4
95-36	Potential Problems with Post Fire Emergency Lighting	DCD Section 9.5.3.2.2 See also Information Notice 90-69
95-37	Inadequate Offsite Power System Voltages during Design Basis Events	Not Applicable Offsite power has no safety-related function due to the passive design of the AP1000 DCD Section 8.1.4.1
95-38	Degradation of Boraflex Neutron Absorber in Spent Fuel Storage Racks	Not Applicable Procedure issue See Information Notice 93-71
95-39	Brachytherapy Incidents Involving Treatment Planning Errors	Not applicable to commercial nuclear plants
95-40	Supplement Information to Generic Letter 95-03, "Circumferential Cracking of Steam Generator Tubes"	See Generic Letter 95-03 USI A-3 DCD Section 1.9.4.2.2, Item A-3
95-41	Degradation of Ventilation System Charcoal Resulting from Chemical Cleaning of Steam Generators	Not Applicable Maintenance/Surveillance issue
95-42	Commission Decision on the Resolution of Generic Issue 23, "Reactor Coolant Pump Seal Failure"	The AP1000 RCPs are canned motor pumps Generic Issue 23 DCD Section 1.9.4.2.3
95-43	Failure of the Bolt Locking Device on the Reactor Coolant Pump Turning Vane	Not Applicable Procurement issue DCD Section 5.4.1.2.1
95-44	Ensuring Compatible Use of Drive Incorporating Industrial Nuclear Company Ball-Type Male Connectors	Not Applicable Procurement issue
95-45	American Power Service Falsification of American Society for Nondestructive Testing (ASNT) Certificates	Not Applicable Administrative communication
95-46	Unplanned, Undetected Release of Radioactivity from the Exhaust Ventilation System of a BWR	Not Applicable BWR only
95-47	Unexpected Opening of a Safety/ Relief Valve and Complications Involving Suppression Pool Cooling Strainer Blockage	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2

INFORMATION NOTICES		
Number	Title	Comment
95-47 R1	Unexpected Opening of a Safety/ Relief Valve and Complications Involving Suppression Pool Cooling Strainer Blockage	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
95-48	Results of Shift Study	Not Applicable Administrative communication
95-49	Seismic Adequacy of Thermo-Lag Panels	Not Applicable Procurement issue
95-50	Safety Defect in Gammamed 12i Bronchial Catheter Clamping Adapters	Not applicable to commercial nuclear plants
95-51	Recent Incidents Involving Potential Loss of Control of Licensing Material	Not Applicable to commercial nuclear power plants
95-52	Fire Endurance Test Results for Electrical Raceway Fire Barrier Systems Constructed From 3M Company Interim Fire Barrier Materials	Not Applicable Procurement issue
95-53	Failures of Main Steam Isolation Valves as a Result of Sticking Solenoid Pilot Valves	Not Applicable Procurement/Maintenance issue DCD Section 5.2.3.5, 10.3.2.2.4
95-54	Decay Heat Management Practices during Refueling Outages	DCD Section 9.1.3
95-55	Handling Uncontained Yellowcake Outside of a Facility Processing Circuit	Not Applicable to commercial nuclear power plants
95-56	Shielding Deficiency in Spent Fuel Transfer Canal at a BWR	Not Applicable BWR only
95-57	Risk Impact Study Regarding Maintenance during Low Power Operation and Shutdown	Not Applicable Maintenance issue
95-58	10 CFR 34.20; Final Effective Date	Not Applicable to commercial nuclear power plants
96-01	Potential for High Post Accident Closed Cycle Cooling Water Temperatures to Disable Equipment Important to Safety	Not Applicable The AP1000 component cooling water system is a non-safety-related, closed loop cooling system.
96-02	Inoperability of Power Operated Relief Valves Masked by Downstream Indications During Testing	Not Applicable Installation issue
96-03	Main Steam Safety Valve Setpoint Variation as a Result of Thermal Effects	Not Applicable Procurement issue DCD Section 10.3.2.2.2 See also Information Notice 93-02
96-04	Incident Reporting Requirements for Radiography Licensees	Not Applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
96-05	Partial Bypass of Shutdown Cooling Flow from the Reactor Vessel	Not Applicable BWR Only
96-06	Design and Testing Deficiencies of Tornado Dampers at Nuclear Power Plants	Not Applicable Maintenance/Surveillance issue
96-07	Slow Five Percent Scram Insertion Times Caused by Viton Diaphragms in Scram Solenoid Pilot Valves	Not Applicable BWR Only
96-08	Thermally Induced Pressure Locking of a High Pressure Coolant Injection Gate Valve	Not Applicable Procurement/Surveillance issue DCD Section 3.9.6.2
96-09	Damage in Foreign Steam Generator Internals	DCD Section 5.4.2.4.1
96-10	Potential Blockage by Debris of Safety System Piping which is Not Used During Normal Operation or Tested During Surveillances	Not Applicable Maintenance/Surveillance issue See also IE Bulletin 93-02
96-11	Ingress of Demineralizer Resins Increases Potential for Stress Corrosion Cracking of Control Rod Drive Mechanism Penetrations	Not Applicable Maintenance/Surveillance issue
96-12	Control Rod Insertion Problems	Not Applicable Administrative communication
96-13	Potential Containment Leak Paths Through Hydrogen Analyzers	Not Applicable Procedural issue
96-14	Degradation of Radwaste Facility Equipment at Milestone Nuclear Power Station, Unit 1	Not Applicable Maintenance/Surveillance issue
96-15	Unexpected Plant Performance During Performance of New Surveillance Tests	Not Applicable Surveillance issue
96-16	BWR Operation with Indicated Flow Less than Natural Circulation	Not Applicable BWR only
96-17	Reactor Operation Inconsistent with the Updated Final Safety Analysis Report	Not Applicable Administrative Communication
96-18	Compliance with 10 CFR Part 20 for Airborne Thorium	Not Applicable to commercial nuclear power plants
96-19	Failure of Tone Alert Radios to Activate when Receiving a Shortened Activation Signal	Not Applicable Procurement issue
96-20	Demonstration of Associated Equipment Compliance with 10 CFR 34.20	Not Applicable to commercial nuclear power plants
96-21	Safety Concerns Related to the Design of the Door Interlock Circuit on Nucletron High Dose Rate and Pulsed Dose Rate Remote Afterloading Brachytherapy Devices	Not Applicable to commercial nuclear power plants

INFORMATION NOTICES		
Number	Title	Comment
96-22	Improper Equipment Settings due to the use of Nontemperature Compensated Test Equipment	Not Applicable Maintenance/Surveillance issue
96-23	Fires In Emergency Diesel Generator Exciter During Operation Following Undetected Fuse Blowing	DCD section 8.3.1.1.2.2
96-24	Preconditioning of Molded-Case Circuit Breakers Before Surveillance Testing	Not Applicable Surveillance issue
96-25	Traversing In-Core Probe Overwithdrawn at Lasalle County Station, Unit 1	Not Applicable BWR issue
96-26	Recent Problems With Overhead Cranes	Not Applicable Maintenance issue
96-27	Potential Clogging of High Pressure Safety Injection Throttle Valves During Recirculation	Not Applicable, AP1000 does not have high-pressure safety injection throttle valves.
96-28	Suggested Guidance Relating to Development and Implementation of Corrective Action	Not Applicable Administrative issue
96-29	Requirements in 10 CFR Part 21 for Reporting and Evaluating Software Errors	Not Applicable Administrative issue
96-30	Inaccuracy of Diagnostic Equipment for Motor-Operated Butterfly Valves	Not Applicable Surveillance issues
96-31	Cross-Tied Safety Injection Accumulators	Not Applicable Procedural issue
96-32	Implementation Of 10 CFR 50.55a(G)(6)(Ii)(A), "Augmented Examination of Reactor Vessel"	Not Applicable Administrative issues
96-33	Erroneous Data From Defective Thermocouple Results in a Fire	Not Applicable Plant Specific event
96-34	Hydrogen Gas Ignition During Closure Welding of a Vsc-24 Multi-Assembly Sealed Basket	Not Applicable Procedural issue
96-35	Failure of Safety Systems on Self-Shielded Irradiators Because of Inadequate Maintenance and Training	Not applicable to commercial nuclear power plants.
96-36	Degradation of Cooling Water Systems Due to Icing	Not Applicable AP1000 does not rely on a water intake structure for the ultimate heat sink
96-37	Inaccurate Reactor Water Level Indication and Inadvertent Draindown During Shutdown	Not Applicable Procedural issue
96-38	Results of Steam Generator Tube Examinations	Not Applicable Surveillance issue

INFORMATION NOTICES		
Number	Title	Comment
96-39	Estimates of Decay Heat Using ANS 5.1 Decay Heat Standard May Vary Significantly	Not Applicable Administrative issue
96-40	Deficiencies in Material Dedication and Procurement Practices and in Audits of Vendors	Not applicable Procurement issue
96-40, S1	Deficiencies in Material Dedication and Procurement Practices and in Audits of Vendors	Not applicable Procurement issue
96-41	Effects of a Decrease in Feedwater Temperature on Nuclear Instrumentation	Not Applicable Procedural issue
96-42	Unexpected Opening of Multiple Safety Relief Valves	Not Applicable BWR only
96-43	Failures of General Electric Magne-Blast Circuit Breakers	Not applicable Procurement issue
96-44	Failure of Reactor Trip Breaker From Cracking of Phenolic Material in Secondary Contact Assembly	Not applicable Procurement issue
96-44, S1	Failure of Reactor Trip Breaker From Cracking of Phenolic Material in Secondary Contact Assembly	Not applicable Procurement issue
96-45	Potential Common-Mode Post-Accident Failure of Containment Coolers	Not Applicable, AP1000 does not have safety-related containment coolers.
96-46	Zinc Plating of Hardened Metal Parts and Removal of Protective Coatings in Refurbished Circuit Breakers	Not applicable Procurement issue
96-47	Recordkeeping, Decommissioning Notifications for Disposals of Radioactive Waste by Land Burial Authorized Under former 10 CFR 20.304, 20.302, and Current 20.2002	Not Applicable Administrative issue
96-48	Motor-Operated Valve Performance Issues	Not Applicable Administrative issue
96-48, S1	Motor-Operated Valve Performance Issues	Not Applicable Administrative issue
96-49	Thermally induced Pressurization of Nuclear Power Facility Piping	Addressed in AP1000, see descriptions of various systems and piping diagrams.
96-50	Problems With Levering-in Devices in Westinghouse Circuit Breakers	Not Applicable Maintenance issue
96-51	Residual Contamination Remaining in Krypton-85 Handling System After Venting	Not Applicable Decommissioning issue
96-52	Cracked insertion Rods on Troxler Model 3400 Series Portable Moisture Density Gauges	Not applicable to commercial nuclear power plants.

INFORMATION NOTICES		
Number	Title	Comment
96-53	Retrofit to Amersham 660 Posilock Radiography Camera to Correct inconsistency in 10 CFR Part 34 Compatibility	Not applicable to commercial nuclear power plants.
96-53, S1	Retrofit to Amersham 660 Posilock Radiography Camera to Correct inconsistency in 10 CFR Part 34 Compatibility	Not applicable to commercial nuclear power plants.
96-54	Vulnerability of Stainless Steel to Corrosion When Sensitized	Not applicable to commercial nuclear power plants.
96-55	Inadequate Net Positive Suction Head of Emergency Core Cooling and Containment Heat Removal Pumps Under Design Basis Accident Conditions	Not Applicable, AP1000 does not have safety-related pumps.
96-56	Problems Associated With Testing, Tuning, or Resetting of Digital Control Systems While at Power	Not Applicable Procedural issue
96-57	Incident-Reporting Requirements involving intakes, During a 24-Hour Period That May Cause a total Effective Dose Equivalent in Excess of 0.05 Sv (5 Rem)	Not Applicable Administrative issue
96-58	RCP Seal Replacement With Pump on Backseat	Not Applicable Maintenance issue
96-59	Potential Degradation of Post Loss-of-Coolant Recirculation Capability as a Result of Debris	Not Applicable Maintenance issue
96-60	Potential Common-Mode Post-Accident Failure of Residual Heat Removal Heat Exchangers	Not Applicable BWR only
96-61	Failure of a Main Steam Safety Valve to Reseat Caused by an Improperly installed Release Nut	Not Applicable Maintenance issue
96-62	Potential Failure of the Instantaneous Trip Function of General Electric RMS-9 Programmings	Not applicable Procurement issue
96-63	Potential Safety Issue Regarding the Shipment of Fissile Material	Not applicable to commercial nuclear power plants.
96-64	Modifications to Containment Blowout Panels Without Appropriate Design Controls	Not Applicable Maintenance issue
96-65	Undetected Accumulation of Gas in Reactor Coolant System and inaccurate Reactor Water Level indication During Shutdown	Not Applicable Procedural issue
96-66	Recent Misadministrations Caused by incorrect Calibrations of Strontium-90 Eye Applicators	Not applicable to commercial nuclear power plants.
96-67	Vulnerability of Emergency Diesel Generators to Fuel Oil/Lubricating Oil incompatibility	Not Applicable Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
96-68	incorrect Effective Diaphragm Area Values in Vendor Manual Result in Potential Failure of Pneumatic Diaphragm Actuators	Not applicable Procurement issue
96-69	Operator Actions Affecting Reactivity	Not Applicable Procedural issue
96-70	Year 2000 Effect on Computer System Software	Not Applicable Administrative issue
96-71	Licensee Response to indications of Tampering, Vandalism, or Malicious Mischief	Not Applicable Procedural issue
96-72	Undetected Failures That May Occur During Patient Treatments With Teletherapy Devices	Not applicable to commercial nuclear power plants.
97-01	Improper Electrical Grounding Results in Simultaneous Fires in the Control Room and the Safe-Shutdown Equipment Room	Not applicable, the AP100 does not use lighting isolation transformers.
97-02	Cracks Found in Jet Pump Riser Assembly Elbows at Boiling Water Reactors	Not Applicable BWR only
97-03	Defacing of Labels to Comply With 10 CFR 20.1904(B)	Not applicable to commercial nuclear power plants.
97-04	Implementation of a New Constraint on Radioactive Air Effluents	Not Applicable Administrative issue
97-05	Offsite Notification Capabilities	DCD 9.5.2
97-06	Weaknesses in Plant-Specific Emergency Operating Procedures for Refilling the Secondary Side of Dry Once-Through Steam Generators	Not Applicable B&W only
97-07	Problems Identified During Generic Letter 89-10 Closeout inspections	Not Applicable Administrative issue
97-08	Potential Failures of General Electric Magne-Blast Circuit Breaker Subcomponents	Not Applicable Maintenance issue
97-09	inadequate Main Steam Safety Valve (MSSV) Setpoints and Performance Issues Associated With Long MSSV inlet Piping	DCD Subsection 10.3.2.2.2 Figure 10.3.2-1
97-10	Liner Plate Corrosion in Concrete Containments	Not applicable AP1000 does not have a concrete containment.
97-11	Cement Erosion From Containment Subfoundations at Nuclear Power Plants	Not applicable, AP1000 does not have a porous submat.
97-12	Potential Armature Binding in General Electric Type HGA Relays	Not applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
97-13	Deficient Conditions Associated With Protective Coatings at Nuclear Power Plants	DCD Subsection 6.1.2.1
97-14	Assessment of Spent Fuel Pool Cooling	Not Applicable Procedural issue
97-15	Reporting of Errors and Changes in Large- Break Loss-of-Coolant Accident Evaluation Models of Fuel Vendors and Compliance With 10 CFR 50.46(A)(3)	Not Applicable Administrative issue
97-15 S1	Reporting of Errors and Changes in Large-Break/ Small-Break Loss-of- Coolant Evaluation Models of Fuel Vendors and Compliance With 10 CFR 50.46(A)(3)	Not Applicable Administrative issue
97-16	Preconditioning of Plant Structures, Systems, and Components Before Asme Code inservice Testing or Technical Specification Surveillance Testing	Not Applicable Procedural issue
97-17	Cracking of Vertical Welds in the Core Shroud and Degraded Repair	Not Applicable BWR only
97-18	Problems Identified During Maintenance Rule Baseline inspections	Not Applicable Procedural issue
97-19	Safety injection System Weld Flaw at Sequoyah Nuclear Power Plant, Unit 2	Not Applicable Plant Specific event
97-20	Identification of Certain Uranium Hexafluoride Cylinders That Do Not Comply With ANSI N14.1 Fabrication Standards	Not applicable to commercial nuclear power plants.
97-21	Availability of Alternate Ac Power Source Designed for Station Blackout Event	Not applicable AP1000 does not have safety-related diesel generators.
97-22	Failure of Welded-Steel Moment-Resisting Frames During the Northridge Earthquake	DCD 3.7
97-23	Evaluation and Reporting of Fires and Unplanned Chemical Reaction Events at Fuel Cycle Facilities	Not applicable to commercial nuclear power plants.
97-24	Failure of Packing Nuts on one-inch Uranium Hexafluoride Cylinder Valves	Not applicable to commercial nuclear power plants.
97-25	Dynamic Range Uncertainties in the Reactor Vessel Level Instrumentation	Not Applicable Procedural issue
97-26	Degradation in Small-Radius U-Bend Regions of Steam Generator Tubes	DCD 5.4.2.4
97-27	Effect of Incorrect Strainer Pressure Drop on Available Net Positive Suction Head	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
97-28	Elimination of Instrument Response Time Testing Under the Requirements of 10 CFR 50.59	Not Applicable BWR only
97-29	Containment Inspection Rule	Not Applicable Administrative issue
97-30	Control of Licensed Material During Reorganizations, Employee-Management Disagreements, and Financial Crises	Not applicable to commercial nuclear power plants.
97-31	Failures of Reactor Coolant Pump Thermal Barriers and Check Valves in foreign Plants	Not Applicable Maintenance issue
97-32	Defective Worm Shaft Clutch Gears in Limitorque Motor-Operated Valve Actuators	Not applicable Procurement issue
97-33	Unanticipated Effect of Ventilation System on Tank Level Indications and Engineering Safety Features Actuation System Setpoint	Not Applicable Procedural issue
97-34	Deficiencies in Licensee Submittals Regarding Terminology for Radiological Emergency Action Levels in Accordance With the New Part 20	Not Applicable Administrative issue
97-35	Retrofit to Industrial Nuclear Company (IC) Ir100 Radiography Camera to Correct Inconsistency in 10 CFR Part 34 Incompatibility	Not applicable, to commercial nuclear power plants.
97-36	Unplanned Intakes by Worker of Transuranic Airborne Radioactive Materials and External Exposure Due to Inadequate Control of Work	Not Applicable Procedural issue
97-37	Main Transformer Fault With Ensuing Oil Spill into Turbine Building	Not Applicable Plant Specific event
97-38	Level-Sensing System Initiates Common-Mode Failure of High-Pressure-Injection Pumps	Not Applicable Maintenance issue
97-39	Inadequate 10 CFR 72.48 Safety Evaluations of Independent Spent Fuel Storage Installations	Not Applicable Administrative issue
97-40	Potential Nitrogen Accumulation Resulting From Backleakage From Safety Injection Tanks	Not Applicable Maintenance issue
97-41	Potentially Undersized Emergency Diesel Generator (EDG) Oil Coolers	Not applicable, AP1000 does not have safety-related diesel generators.
97-42	Management Weaknesses Resulting in Failure to Comply With Shipping Requirements for Special Nuclear Material	Not applicable to commercial nuclear power plants.
97-43	License Condition Compliance	Not Applicable Administrative issue

INFORMATION NOTICES		
Number	Title	Comment
97-44	Failures of Gamma Metrics Wide-Range Linear Neutron Flux Channels	Not applicable to commercial nuclear power plants.
97-45	Environmental Qualification Deficiency for Cables and Containment Penetration Pigtails	Not applicable Procurement issue
97-45, S1	Environmental Qualification Deficiency for Cables and Containment Penetration Pigtails	Not applicable Procurement issue
97-46	Unisolable Crack in High-Pressure Injection Piping	DCD 3.9.1, 3.9.3
97-47	Inadequate Puncture Tests for Type B Packages Under 10 CFR 71.73(C)(3)	Not applicable to commercial nuclear power plants.
97-48	Inadequate or Inappropriate Interim Fire Protection Compensatory Measures	Not Applicable Procedural issue
97-49	B&W once-Through Steam Generator Tube Inspection Findings	Not Applicable B&W only
97-50	Contaminated Lead Products	Not applicable to commercial nuclear power plants.
97-51	Problems Experienced With Loading and Unloading Spent Nuclear Fuel Storage and Transportation Casks	Not Applicable Procedural issue
97-52	Inadvertent Loss of Capability for Emergency Core Cooling System Motors	Not Applicable Maintenance issue
97-53	Circuit Breakers Left Racked Out in Non-Seismically Qualified Positions	Not Applicable Procedural issue
97-54	NRC Licensed Operators at Six Non-Power Reactor Facilities Allow Their Operator Licenses to Expire	Not applicable to commercial nuclear power plants.
97-55	Calculation of Surface Activity for Contaminated Equipment and Materials	Not applicable to commercial nuclear power plants.
97-56	Possession Limits for Special Nuclear Material at the Envirocare of Utah Low-Level Radioactive Waste Disposal Facility	Not applicable to commercial nuclear power plants.
97-57	NRC Information Notice 97-57: Leak Testing of Packaging Used in the Transport of Radioactive Material	Not applicable to commercial nuclear power plants.
97-58	Mechanical Integrity of In-Situ Leach Injection Wells and Piping	Not applicable to commercial nuclear power plants.
97-59	Fire Endurance Test Results of Versawrap Fire Barriers	Not applicable Procurement issue

INFORMATION NOTICES		
Number	Title	Comment
97-60	Incorrect Unreviewed Safety Question Determination Related to Emergency Core Cooling System Swapover From the Injection Mode to the Recirculation Mode	Not Applicable Administrative issue
97-61	U.S. Department of Health and Human Services Letter, to Medical Device Manufacturers, on the Year 2000 Problem	Not applicable to commercial nuclear power plants.
97-62	Unrecognized Reactivity Addition During Plant Shutdown	Not Applicable Procedural issue
97-63	Status of NRC Staff's Review of BWR Vip-05	Not Applicable BWR only
97-63, S1	Status of NRC Staff's Review of BWR vip-05	Not Applicable BWR only
97-64	Potential Problems Associated With Loss of Electrical Power in Certain Teletherapy Units	Not applicable to commercial nuclear power plants.
97-65	Failures of High-Dose-Rate Remote Afterloading (HDR) Device Source Guide Tubes, Catheters, and Applicators	Not applicable to commercial nuclear power plants.
97-66	Failure to Provide Special Lenses for Operators Using Respirator or Self-Contained Breathing Apparatus During Emergency Operations	Not Applicable Procedural issue
97-67	Failure to Satisfy Requirements for Significant Manipulations of the for Power Reactor Operator Licensing	Not Applicable Procedural issue
97-68	Loss of Control of Diver in a Spent Fuel Storage Pool	Not Applicable Procedural issue
97-69	Reactor Trip Breakers and Surveillance Testing of Auxiliary Contacts	Not Applicable Maintenance issue
97-70	Potential Problems With Fire Barrier Penetration Seals	Not Applicable Procedural issue
97-71	Inappropriate Use of 10 CFR 50.59 Regarding Reduced Seismic Criteria for Temporary Conditions	Not Applicable Procedural issue
97-72	Potential for Failure of the Omega Series Sprinkler Heads	Not applicable Procurement issue
97-73	Fire Hazard in the Use of a Leak Sealant	Not Applicable Procedural issue
97-74	Inadequate Oversight of Contractors During Sealant Injection Activities	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
97-75	Enforcement Sanctions Issued as a Result of Deliberate Violations of NRC Requirements	Not Applicable Administrative issue
97-76	Degraded Throttle Valves in Emergency Core Cooling System Resulting From Cavitation-Induced Erosion During a Loss-of-Coolant Accident	Not applicable, AP1000 does not used throttle valves for safety related passive core cooling.
97-75	Exemptions From the Requirements of Section 70.24 of Title 10 of the Code of Federal Regulations	Not Applicable Administrative issue
97-78	Crediting of Operator Actions in Place of Automatic Actions and Modifications of Operator Actions, Including Response Times	Not Applicable Procedural issue
97-79	Potential Inconsistency in the Assessment of the Radiological Consequences of a Main Steam Line Break Associated With the Implementation of Steam Generator Tube Voltage-Based Repair Criteria	Not Applicable Procedural issue
97-80	Licensee Technical Specifications Interpretations	Not Applicable Procedural issue
97-81	Deficiencies in Failure Modes and Effects analyses for Instrumentation and Control Systems	Not Applicable Procedural issue
97-82	Inadvertent Control Room Halon Actuation Due to a Camera Flash	Not Applicable Procedural issue
97-83	Recent Events Involving Reactor Coolant System Inventory Control During Shutdown	Not Applicable Procedural issue
97-84	Rupture in Extraction Steam Piping as a Result of Flow-Accelerated Corrosion	Not Applicable Procedural issue
97-85	Effects of Crud Buildup and Boron Deposition on Power Distribution and Shutdown Margin	DCD 4.3.2.2
97-86	Additional Controls for Transport of the Amersham Model No. 660 Series Radiographic Exposure Devices	Not applicable to commercial nuclear power plants.
97-87	Second Retrofit to Industrial Nuclear Company Ir100 Radiography Camera, to Correct Inconsistency in 10 CFR Part 34 Compatibility	Not applicable to commercial nuclear power plants.
97-88	Experiences During Recent Steam Generator Inspections	DCD 5.4.2.4
97-89	Distribution of Sources and Devices Without Authorization	Not applicable to commercial nuclear power plants.
97-90	Use of Nonconservative Acceptance Criteria in Safety-Related Pump Surveillance Tests	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
97-91	Recent Failures of Control Cables Used on Amersham Model 660 Posilock Radiography Systems	Not applicable to commercial nuclear power plants.
97-91, S1	Recent Failures of Control Cables Used on Amersham Model 660 Posilock Radiography Systems	Not applicable to commercial nuclear power plants.
98-01	Thefts of Portable Gauges	Not applicable to commercial nuclear power plants.
98-02	Nuclear Power Plant Cold Weather Problems and Protective Measures	Not Applicable Administrative issue
98-03	Inadequate Verification of Overcurrent Trip Setpoints in Metal-Clad, Low-Voltage Circuit Breakers	Not Applicable Maintenance issue
98-04	1997 Enforcement Sanctions for Deliberate Violations of NRC Employee Protection Requirements	Not Applicable Administrative issue
98-05	Criminal History Record Information	Not Applicable Administrative issue
98-06	Unauthorized Use of License to Obtain Radioactive Materials, and Its Implications Under the Expanded Title 18 of the U.S. Code	Not Applicable Administrative issue
98-07	offsite Power Reliability Challenges From Industry Deregulation	DCD 8.1
98-08	Information Likely to be Requested If an Emergency Is Declared	Not applicable to commercial nuclear power plants.
98-09	Collapse of an Isocam II, Dual-Headed Nuclear Medicine Gamma Camera	Not applicable to commercial nuclear power plants.
98-10	Probable Misadministrations Occurring During Intravascular Brachytherapy With the Novoste Beta-Cath System	Not applicable to commercial nuclear power plants.
98-11	Cracking of Reactor Vessel Internal Baffle former Bolts in foreign Plants	DCD 3.9.5
98-12	Licensees' Responsibilities Regarding Reporting and Follow-Up Requirements for Nuclear-Powered Pacemakers	Not applicable to commercial nuclear power plants.
98-13	Post-Refueling Outage Reactor Pressure Vessel Leak Testing Before Core Criticality	Not Applicable Procedural issue
98-14	Undocumented Changes to Non-Power Reactor Safety System Wiring	Not applicable to commercial nuclear power plants.
97-15	Integrity of Operator Licensing Examinations	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
98-16	Inadequate Operational Checks of Alarm Ratemeters	Not applicable to commercial nuclear power plants.
98-17	Federal Bureau of Investigation's (FBI) Awareness of National Security Issues and Response (ANSIR) Program	Not Applicable Administrative issue
97-18	Recent Contamination Incidences Resulting From Failure to Perform Adequate Surveys	Not applicable to commercial nuclear power plants.
98-19	Shaft Binding in General Electric Type SBM Control Switches	Not applicable Procurement issue
98-20	Problems With Emergency Preparedness Respiratory Protection Programs	Not Applicable Procedural issue
98-21	Potential Deficiency of Electrical Cable/Connection Systems	Not applicable Procurement issue
98-22	Deficiencies Identified During NRC Design Inspections	Not Applicable Procedural issue
98-23	Crosby Relief Valve Setpoint Drift Problems Caused by Corrosion of the Guide Ring	Not Applicable Maintenance issue
98-24	Stem Binding in Turbine Governor Valves in Reactor Core Isolation Cooling (RCIC) and Auxiliary Feedwater (AFW) Systems	Not Applicable, AP1000 does not have a safety-related auxiliary feedwater system.
98-25	Loss of Inventory From Safety-Related, Closed-Loop Cooling Water Systems	Not Applicable, AP1000 does not have a safety-related component cooling water system.
98-26	Settlement Monitoring and Inspection of Plant Structures Affected by Degradation of Porous Concrete Subfoundations	Not Applicable, AP1000 does not have a porous subfoundation.
98-27	Steam Generator Tube End Cracking	DCD 5.4.2.4
98-28	Development of Systematic Sample Plan for Operator Licensing Examinations	Not Applicable Administrative issue
98-29	Predicted Increase in Fuel Rod Cladding Oxidation	DCD 4.4
98-30	Effect of the Year 2000 Computer Problem on NRC Licensees and Certificate Holders	Not applicable to commercial nuclear power plants.
98-31	Fire Protection System Design Deficiencies and Common-Mode Flooding of Emergency Core Cooling System Rooms at Washington Nuclear Project Unit 2	DCD 9.5.1
98-33	NRC Regulations Prohibit Agreements That Restrict or Discourage an Employee From Participating in Protected Activities	Not Applicable Administrative issue

INFORMATION NOTICES		
Number	Title	Comment
98-34	Configuration Control Errors	Not Applicable Procedural issue
98-35	Threat Assessments and Consideration of Heightened Physical Protection Measures	Not Applicable Administrative issue
98-36	Inadequate or Poorly Controlled, Non-Safety-Related Maintenance Activities Unnecessarily Challenged Safety Systems	Not Applicable Maintenance issue
98-37	Eligibility of Operator License Applicants	Not Applicable Administrative issue
98-38	Metal-Clad Circuit Breaker Maintenance Issues Identified by NRC Inspections	Not Applicable Maintenance issue
98-39	Summary of Fitness-for-Duty Program Performance Reports for Calendar Years 1996 and 1997	Not Applicable Administrative issue
98-40	Design Deficiencies Can Lead to Reduced ECCS Pump Net Positive Suction Head During Design-Basis Accidents	Not Applicable, AP1000 does not have a safety-related safety injection pumps.
98-41	Spurious Shutdown of Emergency Diesel Generators From Design Oversight	Not Applicable, AP1000 does not have a safety-related emergency diesel generators.
98-42	Implementation of 10 CFR50.55a(G) Inservice Inspection Requirements	Not Applicable Administrative issue
98-43	Leaks in the Emergency Diesel Generator Lubricating Oil and Jacket Cooling Water Piping	Not Applicable, AP1000 does not have a safety-related emergency diesel generators.
98-44	Ten-Year Inservice Inspection (ISI) Program Update for Licensees That Intend to Implement Risk-Informed ISI of Piping	Not Applicable Administrative issue
98-45	Cavitation Erosion of Letdown Line Orifices Resulting in Fatigue Cracking of Pipe Welds	Not Applicable Maintenance issue
99-01	Deterioration of High-Efficiency Particulate Air Filters in a Pressurized Water Reactor Containment Fan Cooler Unit	Not Applicable Maintenance issue
99-02	Guidance to Users on the Implementation of a New Single-Source Dose-Calculation formalism and Revised Air-Kerma Strength Standard for Iodine-125 Sealed Sources	Not applicable to commercial nuclear power plants.
99-03	Exothermic Reactions Involving Dried Uranium Oxide Powder (Yellowcake)	Not applicable to commercial nuclear power plants.

INFORMATION NOTICES		
Number	Title	Comment
99-04	Unplanned Radiation Exposures to Radiographers, Resulting From Failures to Follow Proper Radiation Safety Procedures	Not applicable to commercial nuclear power plants.
99-05	Inadvertent Discharge of Carbon Dioxide Fire Protection System and Gas Migration	Not Applicable Procedural issue
99-06	1998 Enforcement Sanctions as a Result of Deliberate Violations of NRC Employee Protection Requirements	Not Applicable Administrative issue
99-07	Failed Fire Protection Deluge Valves and Potential Testing Deficiencies in Preaction Sprinkler Systems	Not Applicable Maintenance issue
99-08	Urine Specimen Adulteration	Not Applicable Procedural issue
99-09	Problems Encountered When Manually Editing Treatment Data on the Nucletron Microselectron-HDR (New) Model 105.999	Not applicable to commercial nuclear power plants.
99-10	Degradation of Prestressing Tendon Systems in Prestressed Concrete Containments	Not Applicable, AP1000 does not have a prestressed concrete containment.
99-10, Rev. 1	Degradation of Prestressing Tendon Systems in Prestressed Concrete Containments	Not Applicable, AP1000 does not have a prestressed concrete containment.
99-011	Incidents Involving the Use of Radioactive Iodine-131	Not applicable to commercial nuclear power plants.
99-12	Year 2000 Computer Systems Readiness Audits	Not Applicable Administrative issue
99-13	Insights From NRC Inspections of Low- and Medium-Voltage Circuit Breaker Maintenance Programs	Not Applicable Procedural issue
99-14	Unanticipated Reactor Water Draindown at Quad Cities Unit 2, Arkansas Nuclear one Unit 2, and Fitzpatrick	Not Applicable Procedural issue
99-15	Misapplication of 10 CFR Part 71 Transportation Shipping Cask Licensing Basis to 10 CFR Part 50 Design Basis	Not Applicable Procedural issue
99-16	Federal Bureau of Investigation's Nuclear Site Security Program	Not Applicable Administrative issue
99-17	Problems Associated With Post-Fire Safe-Shutdown Circuit Analyses	DCD Appendix 9A
99-18	Update on NRC's Year 2000 Activities for Materials Licensees and Fuel Cycle Licensees and Certificate Holders	Not applicable to commercial nuclear power plants.

INFORMATION NOTICES		
Number	Title	Comment
99-19	Rupture of the Shell Side of a Feedwater Heater at the Point Beach Nuclear Plant	Not Applicable Maintenance issue
99-20	Contingency Planning for the Year 2000 Computer Problem	Not Applicable Administrative issue
99-21	Recent Plant Events Caused by Human Performance Errors	Not Applicable Administrative issue
99-22	10 CFR 34.43(A)(1); Effective Date for Radiographer Certification and Plans for Enforcement Discretion	Not applicable to commercial nuclear power plants.
99-23	Safety Concerns Related to Repeated Control Unit Failures of the Nucletron Classic Model High-Dose-Rate Remote Afterloading Brachytherapy Devices	Not applicable to commercial nuclear power plants.
99-24	Broad-Scope Licensees' Responsibilities for Reviewing and Approving Unregistered Sealed Sources and Devices	Not applicable to commercial nuclear power plants.
99-25	Year 2000 Contingency Planning Activities	Not Applicable Administrative issue
99-26	Safety and Economic Consequences of Misleading Marketing Information	Not applicable to commercial nuclear power plants.
99-27	Malfunction of Source Retraction Mechanism in Cobalt-60 Teletherapy Treatment Units	Not applicable to commercial nuclear power plants.
99-28	Recall of Star Brand Fire Protection Sprinkler Heads	Not applicable Procurement issue
99-29	Authorized Contents of Spent Fuel Casks	Not Applicable Administrative issue
99-30	Failure of Double Contingency Based on Administrative Controls Involving Laboratory Sampling and Spectroscopic analysis of Wet Uranium Waste	Not applicable to commercial nuclear power plants.
99-31	Operational Controls to Guard Against Inadvertent Nuclear Criticality	Not applicable to commercial nuclear power plants.
99-32	The Effect of the Year 2000 Issue on Medical Licensees	Not applicable to commercial nuclear power plants.
99-33	Management of Wastes Contaminated With Radioactive Materials	Not applicable to commercial nuclear power plants.
99-34	Potential Fire Hazard in the Use of Polyalphaolefin in Testing of Air Filters	Not Applicable Maintenance issue
00-01	Operational Issues Identified in Boiling Water Reactor Trip and Transient	Not Applicable Procedural issue

INFORMATION NOTICES		
Number	Title	Comment
00-02	Failure of Criticality Safety Control to Prevent Uranium Dioxide (Uo2) Powder Accumulation	Not applicable to commercial nuclear power plants.
00-03	High-Efficiency Particulate Air Filter Exceeds Mass Limit Before Reaching Expected Differential Pressure	Not applicable to commercial nuclear power plants.
00-04	1999 Enforcement Sanctions for Deliberate Violations of NRC Employee Protection Requirements	Not Applicable Administrative issue
00-05	Recent Medical Misadministrations Resulting From Inattention to Detail	Not applicable to commercial nuclear power plants.
00-06	Offsite Power Voltage Inadequacies	DCD 8.1
00-07	National Institute for Occupational Safety and Health Respirator User Notice: Special Precautions for Using Certain Self-Contained Breathing Apparatus Air Cylinders	Not Applicable Administrative issue
00-08	Inadequate Assessment of the Effect of Differential Temperatures on Safety-Related Pumps	Not Applicable, AP1000 does not have safety-related pumps.
00-09	Steam Generator Tube Failure at Indian Point Unit 2	Not Applicable Procedural issue
00-10	Recent Events Resulting in Extremity Exposures Exceeding Regulatory Limits	Not applicable to commercial nuclear power plants.
00-11	Licensee Responsibility for Quality Assurance Oversight of Contractor Activities Regarding Fabrication and Use of Spent Fuel Storage Cask Systems	Not Applicable Procedural issue
00-12	Potential Degradation of Firefighter Primary Protective Garments	Not Applicable Procedural issue
00-13	Review of Refueling Outage Risk	Not Applicable Administrative issue
00-14	Non-Vital Bus Fault Leads to Fire and Loss of offsite Power	DCD 8.1
00-15	Recent Events Resulting in Whole Body Exposures Exceeding Regulatory Limits	Not applicable to commercial nuclear power plants.
00-16	Potential Hazards Due to Volatilization of Radionuclides	Not applicable to commercial nuclear power plants.
00-17	Crack in Weld Area of Reactor Coolant System Hot Leg Piping at V. C. Summer	Not Applicable Surveillance/ Maintenance issue
00-17s1	Crack in Weld Area of Reactor Coolant System Hot Leg Piping at V. C. Summer	Not Applicable Surveillance/ Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
00-17s2	Crack in Weld Area of Reactor Coolant System Hot Leg Piping at V. C. Summer	Not Applicable Surveillance/ Maintenance issue
00-18	Substandard Material Supplied by Chicago Bullet Proof Systems	Not applicable Procurement issue
00-19	Implementation of Human Use Research Protocols Involving U.S. Nuclear Regulatory Commission Regulated Materials	Not applicable to commercial nuclear power plants.
00-20	Potential Loss of Redundant Safety-Related Equipment Because of the Lack of High-Energy Line Break Barriers	DCD 3.6.2
00-21	Detached Check Valve Disc Not Detected by Use of Acoustic and Magnetic Nonintrusive Test Techniques	Not Applicable Surveillance/ Maintenance issue
00-22	Medical Misadministrations Caused by Human Errors Involving Gamma Stereotactic Radiosurgery (Gamma Knife)	Not applicable to commercial nuclear power plants.
01-01	The Importance of Accurate Inventory Controls to Prevent the Unauthorized Possession of Radioactive Material	Not applicable to commercial nuclear power plants.
01-02	Summary of Fitness-for-Duty Program Performance Reports for Calendar Years 1998 and 1999	Not Applicable Administrative issue
01-03	Incident Reporting Requirements for Radiography Licensees	Not applicable to commercial nuclear power plants.
01-04	Neglected Fire Extinguisher Maintenance Causes Fatality	Not Applicable Procedural issue
01-05	Through-Wall Circumferential Cracking of Reactor Pressure Vessel Head Control Rod Drive Mechanism Penetration Nozzles at Oconee Nuclear Station, Unit 3	DCD 5.2.3 Table 5.2-1
01-06	Centrifugal Charging Pump Thrust Bearing Damage Not Detected Due to Inadequate Assessment of Oil analysis Results and Selection of Pump Surveillance Points	Not Applicable Surveillance/ Maintenance issue
01-07	Unescorted Access Granted on the Basis of Incomplete and/or Inaccurate Information	Not Applicable Procedural issue
01-08	Treatment Planning System Errors Result in Deaths of Overseas Radiation Therapy Patients	Not applicable to commercial nuclear power plants.
01-08 S1	Update on the Investigation of Patient Deaths in Panama, Following Radiation Therapy Overexposures	Not applicable to commercial nuclear power plants.
01-09	Main Feedwater System Degradation in Safety-Related ASME Code Class 2 Piping Inside the Containment of a Pressurized Water Reactor	DCD 10.3.2.2 Table 10.3.2-3

INFORMATION NOTICES		
Number	Title	Comment
01-10	Failure of Central Sprinkler Company Model GB Series Fire Sprinkler Heads	Not applicable Procurement issue
01-11	Thefts of Portable Gauges	Not applicable to commercial nuclear power plants.
01-12	Hydrogen Fire at Nuclear Power Station	Not Applicable Surveillance/ Maintenance issue
01-13	Inadequate Stand by Liquid Control System Relief Valve Margin	Not Applicable BWR only
01-14	Problems with Incorrectly- Installed Swing-Check Valves	Not Applicable Maintenance issue
01-15	Non-Conservative Errors in Minimum Critical Power Ratio Limits	Not Applicable BWR only
01-16	Recent foreign and Domestic Experience with Degradation of steam Generator Tubes and Internals	Not Applicable Surveillance/ Maintenance issue
01-08, S2	Update on Radiation Therapy Overexposures in Panama	Not applicable to commercial nuclear power plants.
01-17	Degraded and Failed Performance of Essential Utilities Needed for Safety and Safeguards	Not Applicable Procedural issue
01-18	Degraded and Failed Automatic Electronic Monitoring, Control, Alarming, Response, and Communications Needed for Safety and Safeguards	Not Applicable Procedural issue
01-19	Improper Maintenance and Reassembly of Automatic Oil Bubblers	Not Applicable Maintenance issue
02-01	Metalclad Switchgear Failures and Consequent Losses of offsite Power	DCD 8.1
02-02	Recent Experience with Plugged Steam Generator Tubes	Not Applicable Surveillance/ Maintenance issue
02-03	Highly Radioactive Particle Control Problems During Spent Fuel Pool Cleanout	Not Applicable Procedural issue
02-04	Wire Degradation at Breaker Cubicle Door Hinges	Not applicable Procurement issue
02-05	foreign Material in Standby Liquid Control Storage Tanks	Not Applicable Procedural issue
02-06	Design Vulnerability in BWR Reactor Vessel Level Instrumentation Backfill Modification	Not Applicable BWR only
02-07	Use of Sodium Hypochlorite for Cleaning Diesel Fuel Oil Supply Tanks	Not Applicable Surveillance/ Maintenance issue

INFORMATION NOTICES		
Number	Title	Comment
02-08	Pump Shaft Damage Due to Excessive Hardness of Shaft Sleeve	Not applicable Procurement issue
02-09	Potential for top Nozzle Separation and dropping of a certain type of Westinghouse Fuel Assembly	DCD 4.2

6 REGULATORY ISSUE SUMMARIES

REGULATORY ISSUE SUMMARIES		
Number	Title	Comment
1999-01	Revisions to the Generic Communications Program	Not Applicable Administrative issue
1999-02	Relaxation of Technical Specification Requirements for PORC Review of Fire Protection Program Changes	Not Applicable Administrative issue
1999-03	Resolution of Generic Issue 145, Actions to Reduce Common-Cause Failures	Not Applicable Administrative issue
1999-04	Sources of Information Previously Published in the AEOD Annual Report	Not Applicable Administrative issue
1999-05	Implementing Procedure for Power Reactor NOEDS Processed During the Y2k Transition	Not Applicable Administrative issue
1999-06	Voluntary Submission of Performance Indicator Data	Not Applicable Administrative issue
2000-01	Changes Concerning Foreign Ownership, Control, or Domination of Nuclear Reactor Licensees	Not Applicable Administrative issue
2000-02	Closure of Generic Safety Issue 23, Reactor Coolant Pump Seal Failure	Not Applicable Administrative issue
2000-03	Resolution of Generic Safety Issue 158: Performance of Safety-Related Power-Operated Valves Under Design Basis Conditions	Not Applicable Administrative issue
2000-04	Operating Reactor Licensing Action Estimates	Not Applicable Administrative issue
2000-05	Resolution of Generic Safety Issue 165,	Not Applicable Administrative issue
2000-06	Consolidated Line Item Improvement Process for Adopting Standard Technical Specifications Changes for Power Reactors	Not Applicable Administrative issue
2000-07	Use Of Risk-Informed Decisionmaking in License Amendment Reviews	Not Applicable Administrative issue
2000-08	Voluntary Submission of Performance Indicator Data	Not Applicable Administrative issue
2000-09	Standard Review Plan for Licensee Requests to Extend the Time Periods Established for Initiation of Decommissioning Activities	Not Applicable Administrative issue

REGULATORY ISSUE SUMMARIES		
Number	Title	Comment
2000-10	Technical Information to Facilitate Public Access to The U. S. Nuclear Regulatory Commission's Agencywide Documents Access And Management System (Adams)	Not Applicable Administrative issue
2000-10ER	Errata - Technical Information to Facilitate Public Access to the U.S. Nuclear Regulatory Commission's Agencywide Documents Access and Management System (Adams)	Not Applicable Administrative issue
2000-11	NRC Emergency Telecommunications System	Not Applicable Administrative issue
2000-12	Resolution Of Generic Safety Issue B-55, "Improved Reliability of Target Rock Safety Relief Valves"	Not Applicable Administrative issue
2000-13	Annual Report on the Effectiveness of Training in The Nuclear Industry for Calendar Year 1999	Not Applicable Administrative issue
2000-14	Preparation and Scheduling of Operator Licensing Examinations	Not Applicable Administrative issue
2000-15	Recommendations for Ensuring Continued Safe Plant Operation and Minimizing Requests for Enforcement Discretion During Extreme Weather Conditions	Not Applicable Administrative issue
2000-16	Availability of the Reactor Vessel Integrity Database Version 2.0.1	Not Applicable Administrative issue
2000-18	Guidance on Managing Quality Assurance Records in Electronic Media	Not Applicable Administrative issue
2000-19	Partial Release of Reactor Site for Unrestricted Use Before NRC Approval Of The License Termination Plan	Not Applicable Administrative issue
2000-20	Importance of Industry Providing NRC Advance Notice of Intent To Pursue License Renewal	Not Applicable Administrative issue
2000-21	Changes to the Unplanned Scram and Unplanned Scram With Loss of Normal Heat Removal Performance Indicators	Not Applicable Administrative issue
2000-22	Issues Stemming From NRC Staff Review of Recent Difficulties Experienced in Maintaining Steam Generator Tube Integrity	Not Applicable Procedural issue
2000-23	Recent Changes to Uranium Recovery Policy	Not applicable to commercial nuclear power plants.
2000-24	Concerns About Offsite Power Voltage Inadequacies and Grid Reliability Challenges Due to Industry Deregulation	Not Applicable Administrative issue

REGULATORY ISSUE SUMMARIES		
Number	Title	Comment
2001-01	Eligibility of Operator License Applicants	Not Applicable Administrative issue
2001-02	Guidance on Risk-Informed Decisionmaking in License Amendment Reviews	Not Applicable Administrative issue
2001-03	Changes, Tests, and Experiments	Not Applicable Administrative issue
2001-04	Issuance of Updated Guidance on the Transfer of Ownership or Control of Licensed Activities (NUREG-1556, Volume 15)	Not Applicable Administrative issue
2001-05	Guidance on Submitting Documents to the NRC by Electronic Information Exchange or on CD-ROM	Not Applicable Administrative issue
2001-06	Criteria for Triggering a Review Under 10 CFR 50.80 for Non-Owner Operator Service Companies	Not Applicable Administrative issue
2001-07	10 CFR 50.75(F)(1) Reports on the Status of Decommissioning Funds (Due March 31, 2001)	Not Applicable Administrative issue
2001-08	Operating Reactor Licensing Action Estimates	Not Applicable Administrative issue
2001-09	Control of Hazard Barriers	Not Applicable Administrative issue
2001-10	Revisions to Staff Guidance on Notices of Enforcement Discretion	Not Applicable Administrative issue
2001-11	Voluntary Submission of Performance Indicator Data	Not Applicable Administrative issue
2001-12	Nonconservatism in Pressurized Water Reactor Spent Fuel Storage Pool Reactivity Equivalencing Calculations	Not Applicable Administrative issue
2001-13	10 CFR Part 40 Exemptions for Uranium Contained in Aircraft Counterweights	Not applicable to commercial nuclear power plants.
2001-14	Position on Reportability Requirements for Reactor Core Isolation Cooling System Failure	Not Applicable BWR only
2001-15	Performance of DC-Powered Motor-Operated Valve Actuators	Not Applicable Administrative issue
2001-16	Update of Evacuation Time Estimates	Not Applicable Administrative issue
2001-17	Preparation And Scheduling of Operator Licensing Examinations	Not Applicable Administrative issue
2001-18	Requirements for Oath or Affirmation	Not Applicable Administrative issue

REGULATORY ISSUE SUMMARIES		
Number	Title	Comment
2001-19	Deficiencies in the Documentation of Design Basis Radiological Analyses Submitted in Conjunction with License Amendment Requests	Not Applicable Administrative issue
2001-20	Revisions to Staff Guidance for Implementing NRC Policy on Notices of Enforcement Discretion	Not Applicable Administrative issue
2001-21	Licensing Action Estimates for Operating Reactors	Not Applicable Administrative issue
2001-22	Attributes of A Proposed No Significant Hazards Consideration Determination	Not Applicable Administrative issue
2001-23	Resetting Fault Exposure Hours for Safety System Unavailability Performance Indicators	Not Applicable Administrative issue
2001-24	Status of Receipt of NRC Mail Following the Closing of the Brentwood Postal Facility	Not Applicable Administrative issue
2001-25	NEI-099-02, Revision 2, Voluntary Submission of Performance Indicator Data	Not Applicable Administrative issue
2002-01	Changes to NRC Participation in the International Nuclear Event Scale	Not Applicable Administrative issue
2002-02	Lessons Learned Related to Recently Submitted Decommissioning Plans and License Termination Plan	Not Applicable Administrative issue
2002-03	Guidance On The Content Of Measurement Uncertainty Recapture Power Uprate Applications	Not Applicable Administrative issue