



Browns Ferry Unit 1 Restart

Inspection Plan and Schedule (IP&S) Report

Browns Ferry Units 1 (BF1), 2 (BF2), and 3 (BF3) were voluntarily shutdown by the Tennessee Valley Authority (TVA) in March 1985 for management and regulatory issues. TVA committed to obtain NRC approval prior to the restart of any of the Browns Ferry units. TVA submitted the Browns Ferry Nuclear Performance Plan, Volume 3, in August 1986, outlining the steps needed to recover the Browns Ferry units. NRC issued NUREG-1232, Volume 3, and its supplements, concluding that TVA's actions acceptably addressed Browns Ferry Nuclear Plant deficiencies. TVA obtained NRC permission to restart BF2 in 1991 and BF3 in 1995. In 2002, TVA commenced a 5-year program to recover BF1. Once BF1's startup program is completed, all three units will be similar in their respective plant configurations, and will have implemented corrective actions for outstanding regulatory and generic safety issues.

NRC Inspection Manual Chapter (MC) 2509, "Browns Ferry Unit 1 Restart Project Inspection Program," establishes the policy for the BF1 Restart Project inspection program covering BF1's renovation, and restart testing including power ascension. Inspection Procedures (IPs) or Technical Instructions (TIs), documented in Region II's inspection plan and schedule (IP&S), will provide inspection requirements for these main inspection areas that comprise the BF1 Restart Project Inspection Program.

A Restart Oversight Panel, consisting of participants from both Region II and NRR, has been established in accordance with MC 2509. This panel decides whether the required corrective actions and performance improvement changes have been implemented successfully by the licensee so that BF1 meets the relevant regulatory requirements and can be safely operated. The actual decision to permit the licensee restart to BF1 will be made by the Regional Administrator of Region II with the concurrence of the Director, Office of Nuclear Reactor Regulation (NRR) based on a written recommendation of the Restart Oversight Panel. The panel will also review the readiness of BF1 to be placed under the NRC's normal Reactor Oversight Process (ROP). The decision to permit BF1 to transition into the full oversight of the ROP will be made by the Regional Administrator of Region II with the concurrence of the Director, Office of NRR, based on a written recommendation from the Restart Oversight Panel.

In accordance with MC 2509, the NRC staff has developed IP&S which collects and provides inspection requirements for areas that comprise the BF1 Restart Project Inspection Program. This IP&S tracking tool identifies the appropriate inspection procedures or equivalent criteria to review the licensee's restart activities and to implement inspections. The tracking tool provides a means for tracking open items, allows for generating reports to support any interface with stakeholders, the Commission, and other agencies, and provides cross-references between the items tracked and applicable inspection reports. IP&S also allows for rescheduling of inspections to accommodate licensee schedule changes and additional inspections that may be identified by Region II or by the BF1 Restart Oversight Panel.

Issues or activities are considered closed in IPS when the following three criteria have been met: 1) TVA has reviewed and closed the issue or activity in their quarterly update submitted to the NRC, 2) The issue or activity has been reviewed and/or an inspection has been completed by the NRC and an associated inspection report (IR) has been issued, and 3) The BF1 Restart Oversight Panel has been briefed or reviewed available documentation to satisfy the two aforementioned criteria to permit closure of the item.

The attached IP&S report includes open and closed items as discussed above. Documents associated with the NRC oversight of the BF1 Recovery can be found on the NRC's website at <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/bf1-recovery.html>.

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 1</i>	Cable Ampacity	SP	OPEN	37550	2004-007 2006-009	Mitigating Systems Initiating Events
<i>BFI- 2</i>	Cable Installation/ Cable Separation issues	SP	OPEN	37550 51053 37551	2004-007 2004-009 2005-008 2005-009 2006-006 2006-007 2006-012	Mitigating Systems Initiating Events
<i>BFI- 3</i>	Cable Splices	SP	OPEN	51053 37550	2004-008 2005-008 2006-007	Mitigating Systems Initiating Events
<i>BFI- 4</i>	Cable Tray Supports	SP	CLOSED	37551 62002	2003-010 2004-006 2005-008	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 5</i>	Component and Piece Part Qualification	SP	OPEN	37550	2006-009	Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 6</i>	Conduit Supports	SP	CLOSED	37551	2004-006 2005-008	Mitigating Systems Initiating Events
<i>BF1- 7</i>	Configuration Mgmt/ Design Baseline	SP	CLOSED	37551	2005-008	Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 8</i>	Containment Coatings	SP	OPEN	37550 62002	2004-007 2004-008 2005-006	Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 9</i>	Control Rod Drive insert/withdrawal piping	SP	CLOSED	37551	2004-007 2004-008 2005-008 2005-009 2006-006	Mitigating Systems Initiating Events
<i>BFI- 10</i>	Design Calc Review	SP	CLOSED	37551	2005-008	Mitigating Systems Initiating Events Barrier Integrity
<i>BFI- 11</i>	Environmental Qualification	SP	OPEN	37550	2003-010 2004-008 2005-008 2006-009	Mitigating Systems Initiating Events
<i>BFI- 12</i>	Fire Protection / 10CFR50, Appendix R	SP	OPEN	37550 64704 37551	2004-009 2005-016 2006-012	Mitigating Systems Initiating Events Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 13</i>	Flexible Conduits	SP	OPEN	37550	2004-007 2004-009 2006-006	Mitigating Systems Initiating Events
<i>BF1- 14</i>	Fuses	SP	OPEN	37550 51053	2004-008 2005-008 2006-007	Mitigating Systems Initiating Events
<i>BF1- 15</i>	HVAC Duct Supports	SP	OPEN	37550 50100	2006-008	Mitigating Systems
<i>BF1- 16</i>	Instrument Sensing Lines	SP	OPEN	37550	2006-007	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 17	Instrument Tubing	SP	OPEN	37550 37551	2005-008 2006-007 2006-008	Mitigating Systems Initiating Events
BF1- 18	Intergranular Stress Corrosion Cracking (IGSCC)	SP	OPEN	37551 55050	2003-009 2003-010 2004-006 2004-007 2004-009 2005-008	Barrier Integrity
BF1- 19	Large Bore Piping Supports	SP	OPEN	50090	2003-009 2005-006 2005-008 2005-009 2006-006 2006-007 2006-008	Mitigating Systems Barrier Integrity
BF1- 20	Long Term Torus Integrity Program	SP	OPEN	37550 37551 62002 50090	2003-009 2003-010 2004-007 2004-009 2004-011 2006-006 2006-007	Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 21</i>	Drywell Steel Platforms and Upper drywell platforms	SP	OPEN	37550 37551 62002	2003-009 2004-007 2005-008	Mitigating Systems Barrier Integrity
<i>BF1- 22</i>	Misc Steel Frames	SP	OPEN	37551	2003-009 2006-006	Mitigating Systems Barrier Integrity
<i>BF1- 23</i>	Moderate Energy Line Break (MELB)	SP	CLOSED	37550	2006-007	Barrier Integrity
<i>BF1- 24</i>	Platform Thermal Growth	SP	OPEN	37551	2003-009 2004-004 2005-008 2006-006	Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 25</i>	Probabilistic Safety Assessment (PSA)	SP	OPEN	93804		Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 26</i>	Q List	SP	OPEN	37550	2006-007	Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 27</i>	Restart Test Program (RTP)	SP	OPEN	37551 37550 35301 70315 70301	2005-006 2005-007 2005-008 2005-009 2006-006 2006-007 2006-008	Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 28</i>	Seismic Class II Over I / Spacial Systems Interactions and Water Spray	SP	OPEN	37551	2005-008	Mitigating Systems Initiating Events Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 29	Small Bore Piping / Supports	SP	OPEN	37550 37551	2005-008 2006-007 2006-008	Mitigating Systems Initiating Events
BF1- 30	Thermal Overload	SP	OPEN	37550 51053	2004-008 2005-008 2006-007	Mitigating Systems Initiating Events
BF1- 31	BU 79-02 Pipe Support Plate Designs Using Concrete Expansion Anchor Bolts	GEN	OPEN	37550		Mitigating Systems Initiating Events
BF1- 32	BU 79-12 Short Period Scrams at BWR Facilities	GEN	CLOSED	92701	2006-007	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 33</i>	BU 79-14 Seismic Analysis for As-Built Safety Related Piping Systems	GEN	OPEN	37550 37551		Mitigating Systems Barrier Integrity
<i>BF1- 34</i>	BU 80-06 Engineered Safety Feature Reset Controls	GEN	OPEN	92701	2006-008	Mitigating Systems Barrier Integrity
<i>BF1- 35</i>	BU 84-02 Failure of GE type HFA Relays in use in class 1E Safety Systems	GEN	CLOSED	92701	2004-009	Mitigating Systems
<i>BF1- 36</i>	BU 86-02 Static "O" Ring Differential Pressure Switches	GEN	CLOSED	92701	2005-006	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 37</i>	BU 88-03 Inadaquate Latch Engagment in HFA Type Relays Manufactured by GE	GEN	CLOSED	92701	2004-009	Mitigating Systems
<i>BF1- 38</i>	BU 88-04 Potential Safety Related Pump Loss	GEN	CLOSED	92701	2004-009	Mitigating Systems
<i>BF1- 39</i>	BU 88-07 Power Oscillation in Boiling Water Reactors	GEN	CLOSED	92701	2006-007	Initiating Events Barrier Integrity
<i>BF1- 40</i>	BU 88-10 Nonconforming Molded-Case Circuit Breakers	GEN	CLOSED	92701	2005-009	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 41</i>	BU 90-01 Loss of Fill Oil in Rosemount Transmitters	GEN	CLOSED	92701	2005-009	Mitigating Systems
<i>BFI- 42</i>	BU 93-02 Debris Plugging of Emergency Core Cooling Suction Strainers	GEN	CLOSED	92701	2006-006 2006-008	Barrier Integrity
<i>BFI- 43</i>	BU 93-03 Resolution of Issues Related to Reactor Vessel Water Level Instruments in BWR's	GEN	OPEN	92701		Mitigating Systems
<i>BFI- 44</i>	BU 95-02 Unexpected Clogging of a RHR Pump Strainer While Operating in Suppression Pool Cooling Mode	GEN	CLOSED	92701	2006-006	Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 45</i>	BU 96-03 Potential Plugging of Emergency Core Cooling Suction Strainers by Debris in Boiling Water Reactors	GEN	OPEN	92701	2006-006	Mitigating Systems Barrier Integrity
<i>BF1- 46</i>	GL 82-33 Instrumentation to Follow the Course of an Accident - R.G. 1.97	GEN	CLOSED	92701	2005-007	Mitigating Systems
<i>BF1- 47</i>	GL 83-08 Modification of Vacuum Breakers on Mark 1 Containments	GEN	OPEN	92701	2005-006	Barrier Integrity
<i>BF1- 48</i>	GL 83-28 Salem ATWS - Item 1.2 Trip Review - Item 4.5.2 Periodic On-Line Testing - item 4.5.3 Intervals for On-Line Testing	GEN	CLOSED	92701	2006-007	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 49</i>	GL 87-02 Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors	GEN	OPEN	92701	2004-006 2006-006	Mitigating Systems Barrier Integrity
<i>BFI- 50</i>	GL 88-01 NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping	GEN	CLOSED	92701	2005-008 2006-006 2006-007	Barrier Integrity
<i>BFI- 51</i>	GL 88-11 Radiation Embrittlement of Reactor Vessel Materials and its Impact on Plant Operations	GEN	CLOSED	92701	2006-007	Barrier Integrity
<i>BFI- 52</i>	GL 88-14 Instrument Air Supply System Problems Affecting Safety Related Equipment	GEN	CLOSED	92701	2005-008	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 53</i>	GL 88-20 Individual Plant Examination of External Events for Severe Accident Vulnerabilities	GEN	OPEN	93804		Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 54</i>	GL 89-06 Safety Parameter Display System	GEN	CLOSED	92701	2006-007	Mitigating Systems Barrier Integrity
<i>BF1- 55</i>	GL 89-08 Erosion/Corrosion - Induced Pipe Wall Thinning	GEN	CLOSED	92701	2005-009	Barrier Integrity
<i>BF1- 56</i>	GL 89-10 Safety-Related Motor-Operated Valve Testing and Surveillance	GEN	OPEN	37550	2004-009	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 57</i>	GL 89-13 Service Water System Problems Affecting Safety Related equipment	GEN	CLOSED	92701	2005-009 2006-007	Mitigating Systems Barrier Integrity
<i>BF1- 58</i>	GL 89-16 Installation of a Hardened Wetwell Vent	GEN	CLOSED	92701	2005-006	Barrier Integrity
<i>BF1- 59</i>	GL 92-01 Reactor Vessel Structural Integrity	GEN	OPEN	55100 37550	2006-007	Barrier Integrity
<i>BF1- 60</i>	GL 92-04 Resolution of the Issues Related to Reactor Vessel Water Level Instrumentation in BWRs.	GEN	OPEN	37550 37551		Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 61</i>	GL 94-02 Long-Term Solutions and Upgrade of Interim Operating Recommendations for Thermal-Hydraulic Instabilities in BWRs	GEN	CLOSED	92701	2006-007	Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 62</i>	GL 94-03 Intergranular Stress Corrosion Cracking of Core Shrouds in BWR's	GEN	CLOSED	92701	2005-008	Barrier Integrity
<i>BF1- 63</i>	GL 95-07 Pressure Locking and Thermal Binding of Safety-Related and Power-Operated Gate Valves	GEN	OPEN	37550 37551	2006-006	Mitigating Systems
<i>BF1- 64</i>	GL 96-01 Testing of Safety-Related Logic Circuits	GEN	OPEN	37550		Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 65	GL 96-05 Periodic Verification of Design Basis Capability of Motor Operated Valves	GEN	CLOSED	92701	2005-009	Mitigating Systems
BF1- 66	GL 96-06 Assurance of Equipment Operability and Containment Integrity During Design Basis Accident Conditions	GEN	CLOSED	92701	2005-008	Mitigating Systems Barrier Integrity
BF1- 67	GL 97-04 Assurance of Sufficient Net Positive Suction for Emergency Core Cooling and Containment Heat Removal Pumps	GEN	OPEN	92701	2006-006	Mitigating Systems Barrier Integrity
BF1- 68	GL 98-01 Readiness of Computer Systems at Nuclear Power Plants	GEN	CLOSED	92701	2005-006	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 69</i>	GL-98-04 Potential for Degradation of the ECCS and Containment Spray System After a LOCA Because of Construction and Protective Coating Deficiencies and Foreign Material in Containment	GEN	CLOSED	37550 37551	2006-006 2006-008	Mitigating Systems Barrier Integrity
<i>BF1- 70</i>	Control Room Design Review	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events
<i>BF1- 71</i>	Safety Parameter Display Console	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 72</i>	Post-Accident Sampling System	TMI	CLOSED	92701	2006-006	Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 73	Containment Isolation Dependability - Implement Diverse Isolation, containment purge valves	TMI	OPEN	37550		Mitigating Systems Barrier Integrity
BF1- 74	Accident - Monitoring - Containment High Range Radiation	TMI	CLOSED	92701	2006-006	Mitigating Systems Barrier Integrity
BF1- 75	Accident Monitoring - Containment Pressure	TMI	CLOSED	92701	2005-006	Mitigating Systems Barrier Integrity
BF1- 76	Accident - Monitoring - Containment Water Level	TMI	CLOSED	92701	2005-006	Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 77	(Generic Letter 84-23) Instrumentation for Detection of Inadequate Core Cooling	GEN	CLOSED	92701	2005-007	Mitigating Systems Barrier Integrity
BF1- 78	HPCI/RCIC Initiation Levels	TMI	CLOSED	92701	2005-007	Mitigating Systems
BF1- 79	ADS Actuation Modifications	TMI	CLOSED	92701	2005-007	Mitigating Systems Barrier Integrity
BF1- 80	Common reference level for BWR	TMI	CLOSED	92701	2005-008	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 81</i>	Qualification of ADS Accumulators	TMI	CLOSED	92701	2005-007	Mitigating Systems Barrier Integrity
<i>BF1- 82</i>	MPA-B011 Flood of equipment important to safety	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events
<i>BF1- 83</i>	MPA-B041 Fire Protection Final TS (including SER Supplement)	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events
<i>BF1- 84</i>	MPA-C002 BWR recir pump trip (ATWS)	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 85</i>	TI 2500/20 - Inspection to determine compliance with ATWS Rule 10CFR 50.62	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events
<i>BFI- 86</i>	TI 2515/111 EDSFI Followup	TMI	CLOSED	92701 93811 TI 2515/111	2006-008	Mitigating Systems Initiating Events
<i>BFI- 87</i>	TI 2515/154 Spent Fuel Material Control and Accountability	TMI	CLOSED	92701	2004-008	Initiating Events Barrier Integrity
<i>BFI- 88</i>	TI 2515/156 Offsite Power System Readiness	TMI	CLOSED	92701	2004-008	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 89</i>	TI 2515/157 Mark I and II Containment Operations	TMI	CLOSED	37550 37551		Barrier Integrity
<i>BFI- 90</i>	USI A-7 Mark 1 Long-Term Program, NuReg-0661, Supp1	TMI	CLOSED	92701	2006-007	Barrier Integrity
<i>BFI- 91</i>	USI A-9 ATWS	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events
<i>BFI- 92</i>	USI A-24 Qualification of Class 1E Safety-Related Equipment	TMI	CLOSED	92701	2006-007	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 93</i>	USI A-26 Reactor Vessel Pressure Transient Protection	TMI	CLOSED	92701	2006-007	Barrier Integrity
<i>BF1- 94</i>	USI A-44 Station Blackout	TMI	OPEN	37550 37551		Mitigating Systems Initiating Events
<i>BF1- 95</i>	USI A-46 Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors	TMI	OPEN	92701	2006-006	Mitigating Systems
<i>BF1- 96</i>	USI A-75 MPA-B085, Required actions on Generic Implications of Salem ATWS Events, Section 1.2, Post Trip Review	TMI	CLOSED	92701	2006-007	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 97	New Simulator qualification/ Fidelity and Operator Staffing- Review licensee's new simulator to support 3 unit operations. Review Licensed Operator Staffing Plans.	MISC	CLOSED	37550 37551		Mitigating Systems Initiating Events
BF1- 98	Lay-up Inspections	MISC	CLOSED	92050	2004-006	Mitigating Systems Barrier Integrity
BF1- 99	In-vessel inspections, core spray, UT- Full RPV internals/weld inspections complete 2005 for 10-yr ISI	RWA	CLOSED	55050 37550 37551 71111.08	2005-008 2005-009 2006-006	Barrier Integrity
BF1- 100	Operational Readiness Assessment Team inspection (ORAT)- Determine Scope of Unit Startup Oversight reviews (likely reduced scope ORAT) and assemble and schedule Team	MISC	CLOSED	93806		Mitigating Systems Initiating Events Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 101	Common Accident Signal	MISC	CLOSED	37551 71111.17	2005-006	Mitigating Systems Initiating Events
BF1- 102	Extended Power Uprate- Determine scope of needed inspection reviews to support licensing action	MISC	OPEN	37550 37551		Mitigating Systems Initiating Events Barrier Integrity
BF1- 103	Enhanced Restart Monitoring-Restart Panel to determine duration. Proposed 24 hr coverage.	MISC	OPEN	72518 72526		Mitigating Systems Initiating Events Barrier Integrity
BF1- 104	License Renewal Application-Determine scope of needed inspection reviews to support licensing action	LR	OPEN	37550		

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 105	Maintenance Rule-U1 to comply with scoping requirements of 50.65(b) for systems required to be operable or TS applicable.	MISC	OPEN	37550		Mitigating Systems Barrier Integrity
BF1- 106	License Amendment 234 Review - Improved Standard TS	MISC	OPEN	37550 37551		
BF1- 107	Turbine Buidling Dynamic Seismic Analysis-Confirm seismic accelerations for TB	MISC	OPEN	37550 37551		Mitigating Systems
BF1- 108	GL 2003-01 Control Room Habitability	MISC	OPEN	37550		Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BFI- 109	RCS Pipe Replacement MODs	RWA	CLOSED	37550	2003-009	Mitigating Systems Barrier Integrity
				37551	2003-011	
				55050	2004-006	
				57050	2004-007	
				57060	2004-008	
				57090	2004-009	
				73753	2005-006	
				73755	2006-006	
			71111.08			
BFI- 110	Common Accident Signal Logic Changes	RWA	CLOSED	71111.17	2004-007	Mitigating Systems Initiating Events
				37550	2004-008	
				37551	2004-009	
					2005-006	
					2005-007	
BFI- 111	ECCS Systems MODs	RWA	CLOSED	71111.17	2004-006	Mitigating Systems
				37550	2004-007	
				37551	2004-008	
					2004-009	
					2005-006	
					2005-007	
					2005-008	
					2005-009	
					2006-006	
					2006-007	
BFI- 112	RHRSW MODs	RWA	CLOSED	37550	2004-006	Mitigating Systems
				37551	2005-008	
				71111.17	2005-009	
					2006-007	

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 113	Cable Installation Activities	RWA	OPEN	37550 37551	2003-011 2005-007 2005-009 2006-006 2006-007 2006-012	Mitigating Systems
BF1- 114	EQ MODs	RWA	CLOSED	35301 37550 37551	2004-009 2005-007 2006-006 2006-009	Mitigating Systems
BF1- 115	Cable Splices and Terminations	RWA	CLOSED	37550 37551	2006-007	Mitigating Systems
BF1- 116	CRDR MODs	RWA	CLOSED	71111.17 37550 37551	2004-006 2004-009 2005-006 2005-007 2005-008 2005-009 2006-006 2006-007	Mitigating Systems Initiating Events

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BFI- 117	Cable Tray and Conduit Modifications	RWA	CLOSED	62002 71111.17 37550 37551	2003-009 2003-010 2005-008	Mitigating Systems
BFI- 118	Large Bore Pipe Support MODs	RWA	OPEN	35301 37550 37551		Mitigating Systems Barrier Integrity
BFI- 119	Small Bore Pipe Support MODs	RWA	CLOSED	37551	2005-008 2006-008	Mitigating Systems Barrier Integrity
BFI- 120	Instrument Sensing Lines MODs	RWA	OPEN	35301 37550 37551	2006-008	Mitigating Systems Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 121</i>	Fire Protection Changes	RWA	OPEN	64704 37550 37551	2004-009 2005-016 2006-012	Mitigating Systems Barrier Integrity Initiating Events
<i>BF1- 122</i>	Common Accident Signal Logic Acceptance Test	RT	OPEN	37550 37551 92901		Initiating Events Mitigating Systems
<i>BF1- 123</i>	Full ROP Transition Review	ROP	OPEN	92701		Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 124</i>	Develop Enhanced ROP Baseline Inspection Plan	ROP	OPEN	37550 37551		Mitigating Systems Initiating Events Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 125</i>	Mitigating Systems Cornerstone Open Items Closeout Inspection	ROP	OPEN	37550 37551		Mitigating Systems
<i>BF1- 126</i>	Initiating Events Cornerstone Open Items Closeout Inspection	ROP	OPEN	37550 37551		Initiating Events
<i>BF1- 127</i>	Barrier Integrity Cornerstone Open Items Closeout Inspection	ROP	OPEN	37550 37551		Barrier Integrity
<i>BF1- 128</i>	Post SPOC II Review - SLC	SPOC	CLOSED	37551	2006-008	Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 129</i>	Post SPOC II Review - 250 VDC	SPOC	CLOSED	37551	2006-008	Mitigating Systems
<i>BF1- 130</i>	Post SPOC II Review - CS	SPOC	CLOSED	37551	2006-009	Mitigating Systems
<i>BF1- 131</i>	Post SPOC II Review - System 4	SPOC	OPEN	37551		Mitigating Systems
<i>BF1- 132</i>	Post SPOC II Review - System 5	SPOC	OPEN	37551		Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 133</i>	Post SPOC II Review - System 6	SPOC	OPEN	37551		Mitigating Systems
<i>BF1- 134</i>	Post SPOC II Review - System 7	SPOC	OPEN	37551		Mitigating Systems
<i>BF1- 135</i>	Post SPOC II Review - System 8	SPOC	OPEN	37551		Mitigating Systems
<i>BF1- 136</i>	Post SPOC II Review - System 9	SPOC	OPEN	37551		Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 137</i>	Post SPOC II Review - System 10	SPOC	OPEN	37551		Mitigating Systems
<i>BF1- 138</i>	License Renewal Followup Inspection	LR	OPEN	92701 37550 37551		Mitigating Systems Barrier Integrity
<i>BF1- 139</i>	Core Spray Acceptance Test	RT	CLOSED	37551	2006-008	Mitigating Systems
<i>BF1- 140</i>	Control Rod Drive Acceptance Test	RT	OPEN	37551		Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
BF1- 141	250 V DC Distribution Acceptance Test	RT	CLOSED	37551	2006-008	Mitigating Systems
BF1- 142	Standby Liquid Control System Acceptance Test	RT	CLOSED	37551	2006-008	Mitigating Systems
BF1- 143	RHR Acceptance Test	RT	OPEN	37551		Mitigating Systems
BF1- 144	Reactor Core Isolation Cooling Acceptance Test	RT	OPEN	37551		Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 145</i>	Reactor Protection Acceptance Test	RT	OPEN	37551		Mitigating Systems
<i>BF1- 146</i>	Reactor Building Closed Cooling Water Acceptance Test	RT	OPEN	37551		Mitigating Systems
<i>BF1- 147</i>	High Pressure Coolant Injection Acceptance Test	RT	OPEN	37551		Mitigating Systems
<i>BF1- 148</i>	Main Steam Acceptance Test	RT	OPEN	37551		Mitigating Systems

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 149</i>	Diesel Generator Load Acceptance Test	RT	OPEN	37551		Mitigating Systems
<i>BF1- 150</i>	480 Volt Shutdown Board Load Shed Logic Acceptance Test	RT	OPEN	37551	2006-008	Mitigating Systems
<i>BF1- 151</i>	ECCS Actuation Acceptance Test	RT	OPEN	37551		Mitigating Systems
<i>BF1- 153</i>	Refueling and Outage Activities Inspection	MISC	OPEN	71111.20		Mitigating Systems Initiating Events Barrier Integrity

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BF1- 154</i>	Fire Protection Walkdown	MISC	OPEN	71111.05		Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 155</i>	Equipment Alignments		OPEN	71111.04		Mitigating Systems
<i>BF1- 156</i>	Power Ascension Testing	PAT	OPEN	71111.20		Mitigating Systems Initiating Events Barrier Integrity
<i>BF1- 157</i>	Self-Assessment	MISC	OPEN	35301		

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
<i>BFI- 158</i>	GL 97-02 closeout - scope of inspections	GEN	OPEN	37551		
<hr/>						
<i>BFI- 159</i>	URI, 06-08-02, Impact of Duct tape on Instrument tubing	URI	OPEN			
<hr/>						
<i>BFI- 160</i>	IFI 95-55-01, Containment Air Monitors	IFI	OPEN			
<hr/>						

<i>IP&S ID Number</i>	<i>Issue/Activity Description</i>	<i>Type of Issue/ Activity</i>	<i>Status</i>	<i>Inspection Procedure(s)</i>	<i>Inspection Report(s)</i>	<i>Cornerstone(s)</i>
LEGEND FOR TYPE FIELD						
<i>Type</i>	<i>Description</i>					
<i>GEN</i>	<i>Generic Communication</i>					
<i>IFI</i>	<i>Inspector Followup Item</i>					
<i>LA</i>	<i>Licensing Action</i>					
<i>LR</i>	<i>License Renewal</i>					
<i>MISC</i>	<i>Miscellaneous</i>					
<i>NCV</i>	<i>Noncited Violation</i>					
<i>OI</i>	<i>Open Item</i>					
<i>PAT</i>	<i>Power Ascension Testing</i>					
<i>REG</i>	<i>Regulatory Issue</i>					
<i>ROP</i>	<i>ROP Transition</i>					
<i>RT</i>	<i>Restart Test</i>					
<i>RWA</i>	<i>Renovation Work Activity</i>					
<i>SP</i>	<i>Special Program</i>					
<i>SPOC</i>	<i>System Pre-Operability Checklist</i>					
<i>TMI</i>	<i>Three Mile Island</i>					
<i>URI</i>	<i>Unresolved Item</i>					
<i>VIO</i>	<i>Violation</i>					