

**ICSBEP FIVE-YEAR PLAN**

**ARGONNE NATIONAL LABORATORY**

<i><b>IDENTIFIER</b></i>	<i><b>DRAFT TITLE</b></i>
<i><b>FY-2005</b></i>	
HEU-COMP-FAST-005	ZPPR-20 Phase C: Space Reactor Mockup with Water Immersion Simulation
HEU-COMP-FAST-006	ZPPR-20 Phase E: Space Reactor Mockup with Earth Burial Simulation
HEU-COMP-FAST-007	ZPPR-20 Phase C: Space Reactor Mockup Reference Core
HEU-COMP-FAST-004	ZPR-3 Assembly 14: A Clean HEU (93% <sup>235</sup> U) Carbide Core Reflected by Depleted Uranium
IEU-MET-FAST-011	ZPR6-1 All Aluminum - 14% Enriched
IEU-MET-FAST-015	ZPR-3 Assembly 6F: A Clean Cylindrical Core with a <sup>235</sup> U-to- <sup>238</sup> U Ratio of 1, Reflected by Depleted Uranium
MIX-COMP-FAST-002	ZPR-9 Assembly 29: Normal and Flooded Configurations of Mixed (Pu/U)-fueled GCFR Assembly
<i><b>FY-2006</b></i>	
PU-COMP-FAST-003	ZPR-9 Assembly 31: The Plutonium Carbide Benchmark Assembly Reflected by Depleted Uranium
IEU-COMP-FAST-003	ZPR-6 Assembly 5: A Large, Clean, Cylindrical Uranium Carbide Benchmark Assembly Reflected by Depleted Uranium
IEU-COMP-FAST-004	ZPR-3 Assembly 12: A Large, Clean, Cylindrical Uranium (21% <sup>235</sup> U) Carbide Benchmark Assembly Reflected by Depleted Uranium
<i><b>FY-2007</b></i>	
PU-COMP-FAST-004	ZPR-3 Assembly 48: A Clean Cylindrical Pu Carbide Core, Reflected by Depleted Uranium
IEU-COMP-FAST-005	ZPR-3 Assembly 11: A Large, Clean, Cylindrical Uranium (12% <sup>235</sup> U) Carbide Benchmark Assembly Reflected by Depleted Uranium
IEU-COMP-FAST-006	ZPR-3 Assembly 25: A Large, Clean, Cylindrical Uranium (9% <sup>235</sup> U) Carbide Benchmark Assembly Reflected by Depleted Uranium
<i><b>FY-2008</b></i>	
	To Be Determined
<i><b>FY-2009</b></i>	
	To Be Determined
<i><b>FY-2010</b></i>	
	To Be Determined