

## IRAN'S FOUR NUCLEAR SITES: MILITARY CONSIDERATIONS

Plant Location	Isfahan	Natanz	Arak	Bushehr
Site Description	Uranium Conversion Facility & Fuel Manufacturing Facility	Enrichment Plant	Heavy Water Production Plant (D <sub>2</sub> O) & Heavy Water Reactor	Nuclear Power Plant
Construction	Active	Active	D <sub>2</sub> O Production: Active Heavy Water Reactor due: 3-Qtr 2013	Reactor operating at 75% capacity
Surface Area	100,000 sq.ft.	646,000 sq. ft.	55,000 sq.ft.	187,000 sq. ft
Strike Force <sup>55</sup>	5 F-16 Aircraft 5 GBU-27 (240 kg warhead)	25-15 F-15 E 50 GBU-28 (306 kg warhead)	4-8 F-16 4-8GBU 10 (428 kg warhead)	Not specified
Physical Blast	5-10 PSI	5-10 PSI	5-10 PSI	Not specified
Main Toxins & Fission Products Released	Fluorine Compounds including (HF, UF <sub>6</sub> , UO <sub>2</sub> F <sub>2</sub> )	Fluorine Compounds including (HF, UF <sub>6</sub> , UO <sub>2</sub> F <sub>2</sub> )	Fission Products Including Iodine-131 Strontium-90 Caesium-137 (Once Reactor becomes operational)	Fission Products including Iodine-131 Strontium-90 Caesium-137