

ISRAEL: Nuclear Infrastructure
 from *Tracking Nuclear Proliferation, 1998*

NAME/LOCATION OF FACILITY	TYPE/STATUS	IAEA SAFEGUARDS
NUCLEAR WEAPONS COMPLEX		
Negev Nuclear Research Center, Dimona	Plutonium production research reactor and plutonium extraction facilities (see below), and other weapons-related infrastructure.	No
Nahal Soreq	Nuclear weapons research and design facility.	No
Yodefath	Nuclear weapons assembly facility.	No
Kfar Zekharya	Nuclear missile base and gravity bomb storage facility.	No
Eilabun	Tactical nuclear weapon storage facility.	No
RESEARCH REACTORS		
IRR 1, Nahal Soreq	Light-water, pool, HEU, 5 MWt; operating.	Yes
IRR 2, Dimona	Heavy-water, natural U, 40-150 MWt; operating.	No
URANIUM ENRICHMENT		
Dimona	Experimental/pilot-scale (?) laser and centrifuge-enrichment programs; operating.	No
REPROCESSING (PLUTONIUM EXTRACTION)		
Dimona	Operating.	No
Nahal Soreq	Pilot-scale; operating.	No
URANIUM PROCESSING		
Negev area, near Beersheeba	Uranium phosphate mining; operating.	N/A (Not Applicable)
Haifa	Yellowcake produced in two phosphate plant; operating.	N/A
Southern Israel	Yellowcake produced in phosphate plant; operating.	N/A
Dimona	Uranium purification (UO ₂), uranium conversion (UF ₆), and fuel fabrication facility; all operating.	No

HEAVY WATER		
Rehovot	Pilot-scale plant; operating.	No
TRITIUM, LITHIUM DEUTERIDE		
Dimona	Lithium-6 production, allowing the production of both tritium and lithium deuteride; decommissioned.	No

Abbreviations:

HEU = highly enriched uranium
LEU = low-enriched uranium
nat. U = natural uranium
MWe = millions of watts of electrical output
MWt = millions of watts of thermal output
KWt = thousands of watts of thermal output