

Nuclear Earth - NAC International Inc.

Country Profile: South Africa									
Name	Long Name	FIPS Code	Group	CIS	Agreement For Cooperation	Nuclear Weapon State	NPT Signatory	Sensitive	Terror Sponsor
South Africa	South Africa	SF	Africa	N	US Bilateral	N	Y	N	N

Capacity for South Africa						
Facility	Class	Status	Quantity	Units	Form	Effective Date
Reactor	Commercial	Future	3650	Megawatts	Electric	11/01/2007
Reactor	Commercial	Operating	1844	Megawatts	Electric	11/01/2007
Reactor	Commercial	Planned	165	Megawatts	Electric	11/01/2007
Reactor	Other	Decomm.	10	Megawatts	Thermal	11/01/2007
Reactor	Other	Operating	20	Megawatts	Thermal	11/01/2007

Count for South Africa									
Type	Class	Operating	Standby	Planned	Future	Shutdown	Decomm.	Total	Effective Date
Assembly	Commercial	3		1				4	11/01/2007
Conversion	Commercial					1		1	11/01/2007
Conversion	Other					1		1	11/01/2007
Enrichment	Commercial					1		1	11/01/2007
Enrichment	Other					2		2	11/01/2007
Fabrication	Commercial			1			1	2	11/01/2007
Fabrication	Other	1						1	11/01/2007
Mill	Commercial	2	1	2				5	11/01/2007
Mine	Commercial	1	1	2				4	11/01/2007
Reactor	Commercial	2		1	4			7	11/01/2007
Reactor	Other	1					1	2	11/01/2007
Total		10	2	7	4	5	2	30	11/01/2007

Index for South Africa - (Worldwide Index)										
Country	State	Location	Site	Owner	Name	Type	Sub Type	Class	Status	Group
South Africa	Gauteng	Westonaria	Ezulwini	First Uran C	Ezulwini	Mill	Gold Byprod	Commercial	Planned	Africa
South Africa	Gauteng	Westonaria	Ezulwini	First Uran C	Ezulwini Mi	Mine	Underground	Commercial	Planned	Africa
South Africa	North-West	Klerksdorp	Dominion	Uranium One	Dom/Rie/BonS	Mine	Underground	Commercial	Operating	Africa
South Africa	North-West	Klerksdorp	Dominion	Uranium One	Dominion	Mill	Acid Leach SE	Commercial	Operating	Africa
South Africa	North-West	Orkney	Buffelsfonte	First Uran C	Buffelsfo Mi	Mine	Tailings Reco	Commercial	Planned	Africa
South Africa	North-West	Orkney	Buffelsfonte	First Uran C	Buffelsfonte	Mill	Gold Byprod	Commercial	Planned	Africa
South Africa	North-West	Pelindaba	Pelindaba	NECSA	Beva	Fabrication		Commercial	Decomm.	Africa
South Africa	North-West	Pelindaba	Pelindaba	PBMR Pty Ltd	PBMR Fab	Fabrication		Commercial	Planned	Africa
South Africa	North-West	Pelindaba	Pelindaba	NECSA	PelindabaMTR	Fabrication		Other	Operating	Africa
South Africa	North-West	Pelindaba	Pelindaba	NECSA	PelindaPilot	Conversion	U3O8 to UF6	Other	Shutdown	Africa
South Africa	North-West	Pelindaba	Pelindaba	NECSA	Safari-1	Reactor	Tank	Other	Operating	Africa
South	North-	Pelindaba	Pelindaba	NECSA	Safari-2	Reactor	HWR	Other	Decomm.	Africa

Africa	West									
South Africa	North-West	Pelindaba	Valindaba	NECSA	Valindaba	Conversion	U3O8 to UF6	Commercial	Shutdown	Africa
South Africa	North-West	Pelindaba	Valindaba	NECSA	ValindabMLIS	Enrichment	MLIS	Other	Shutdown	Africa
South Africa	North-West	Pelindaba	Valindaba	NECSA	Y Plant	Enrichment	Jet Nozzle	Other	Shutdown	Africa
South Africa	North-West	Pelindaba	Valindaba	NECSA	Z Plant	Enrichment	HELICON	Commercial	Shutdown	Africa
South Africa	North-West	Vaal Reefs	NUFCOR	NUFCOR	NUFCOR	Mill	Gold Byprod	Commercial	Operating	Africa
South Africa	Northern Province	Palabora	Palabora	Palabora	Palabora	Mill	Copper Byprod	Commercial	Standby	Africa
South Africa	Northern Province	Palabora	Palabora	Palabora	PalaboraMine	Mine	Both	Commercial	Standby	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	Koeberg 1	Reactor	PWR	Commercial	Operating	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	Koeberg 2	Reactor	PWR	Commercial	Operating	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	Koeberg Np1	Assembly	Dry Storage	Commercial	Operating	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	Koeberg1 PI1	Assembly	Pool	Commercial	Operating	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	Koeberg2 PI1	Assembly	Pool	Commercial	Operating	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	PBMR 1	Reactor	PBMR	Commercial	Future	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	PBMR 2	Reactor	PBMR	Commercial	Future	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	PBMR Demo	Reactor	PBMR	Commercial	Planned	Africa
South Africa	South Africa (general)	Melkbosstrand	Koeberg	ESKOM	PBMR Storage	Assembly	Dry Storage	Commercial	Planned	Africa
South Africa	Western Cape	Cape Town	CapeProvince	ESKOM	Cape 1	Reactor	PWR	Commercial	Future	Africa
South Africa	Western Cape	Cape Town	CapeProvince	ESKOM	Cape 2	Reactor	PWR	Commercial	Future	Africa

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