

A. Q. KHAN

FATHER OF THE PAKISTAN NUCLEAR BOMB

Who Is This Man?

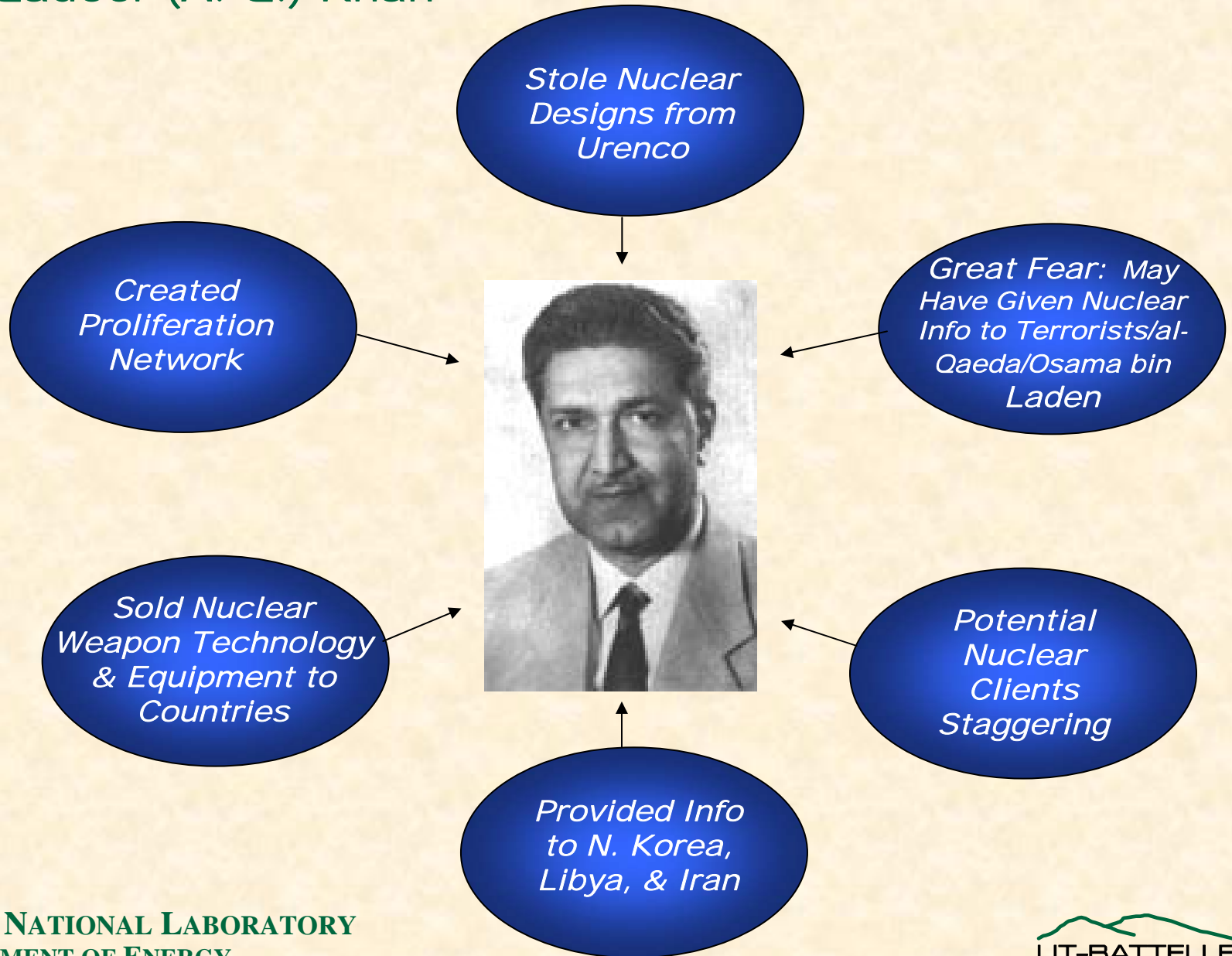
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U. S. DEPARTMENT OF ENERGY

Abdul Qadeer (A. Q.) Khan



A. Q. Khan – Who Is He?

- Born to humble beginnings
- Youth shaped by India's communal violence
- As child witnessed massacre of Muslims by Hindus
- Married with children
- Electrical engineering degree and PhD in metallurgy
- Devoted life to pursuit/proliferation of ultimate weapon of mass destruction
- Globe-trotting magnate who relished luxury
- Donated millions to various Pakistani charities
- Devout faith/burning belief that Muslim possession of nuclear weapons would return Islam to greatness
- Considered Pakistan's most famous man – National Hero

A. Q. Khan - Why Did He Do It?

- Claimed he sold nuclear technology to bolster the standing of Muslims
- Convinced that Western countries were biased against Muslim countries
- Wanted Muslims to be strong and equal to any other country
- Goal of developing a weapon - Choice to reinvent the wheel or buy it, he chose to buy it

A. Q. Khan – His Approach

- Two paths to producing bomb-grade material: Extracting plutonium contained in spent nuclear fuel, requiring building a nuclear reactor—very costly. He chose to acquire rotational machines—centrifuges—to enrich uranium into bomb-grade material.
- Offered one-stop shopping for regimes interested in producing nuclear weapons
- Sold centrifuges and machines that make centrifuges
- Built global network of factories and salespeople
- Worth approximately \$400 million at height of power

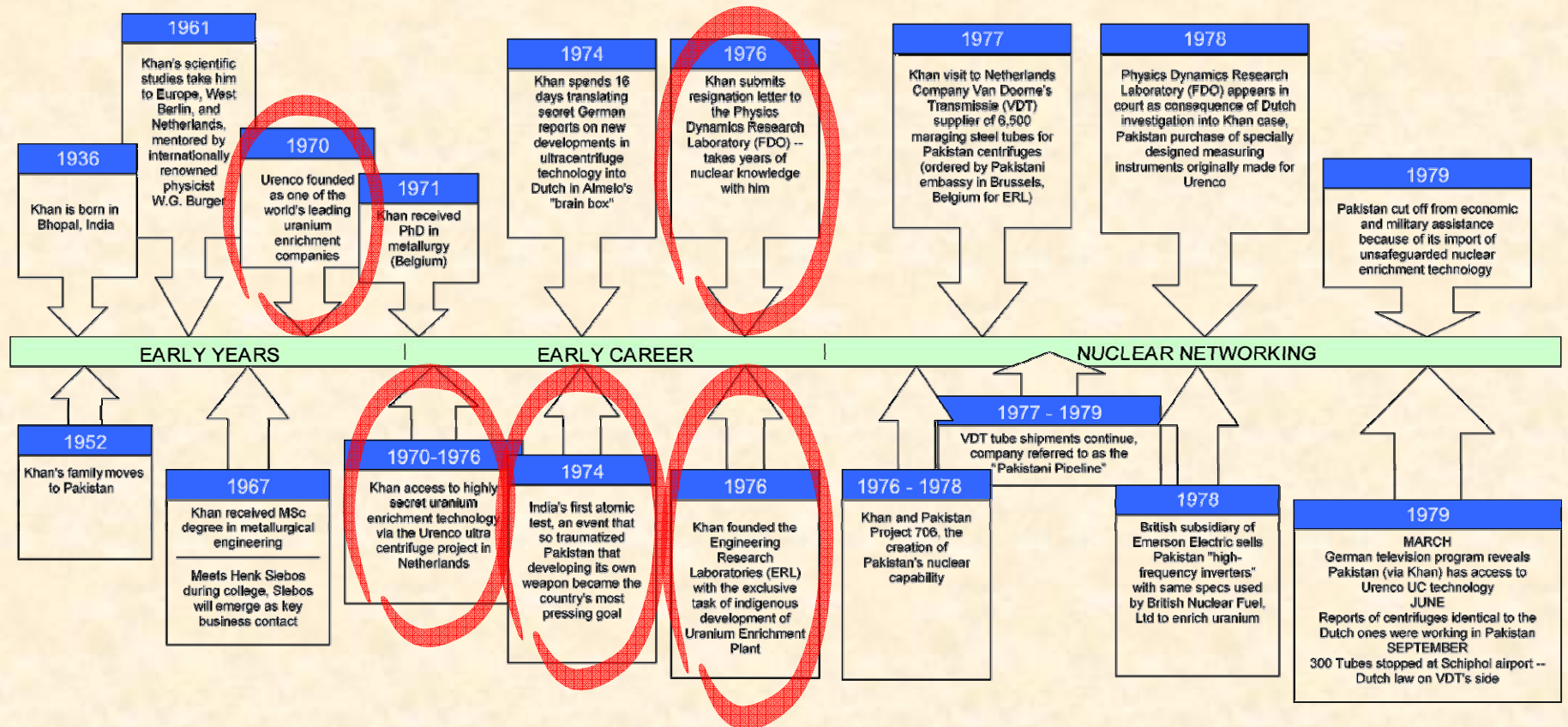


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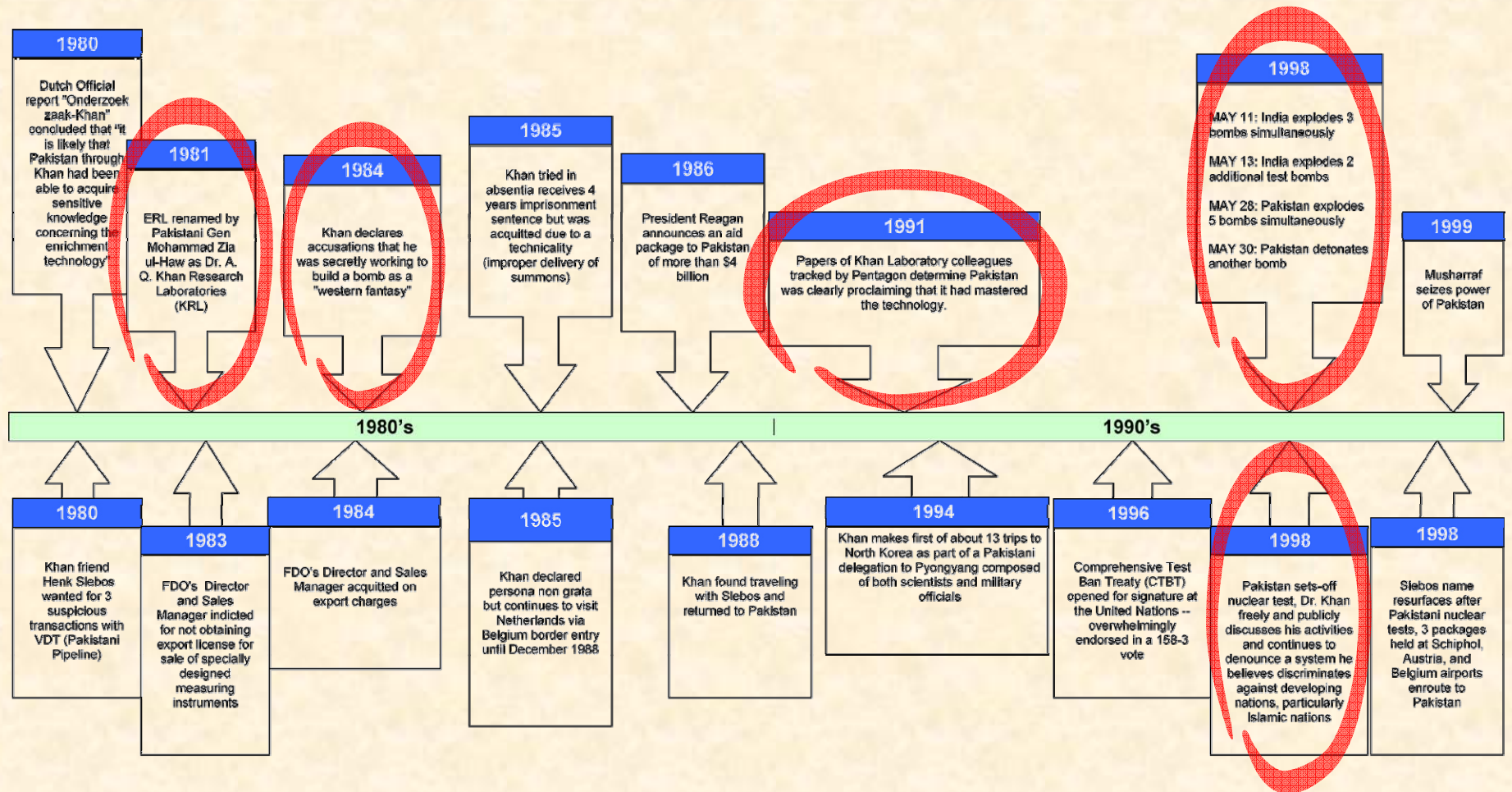
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UT-BATTELLE

A.Q. Khan Timeline



A.Q. Khan Timeline (cont'd)

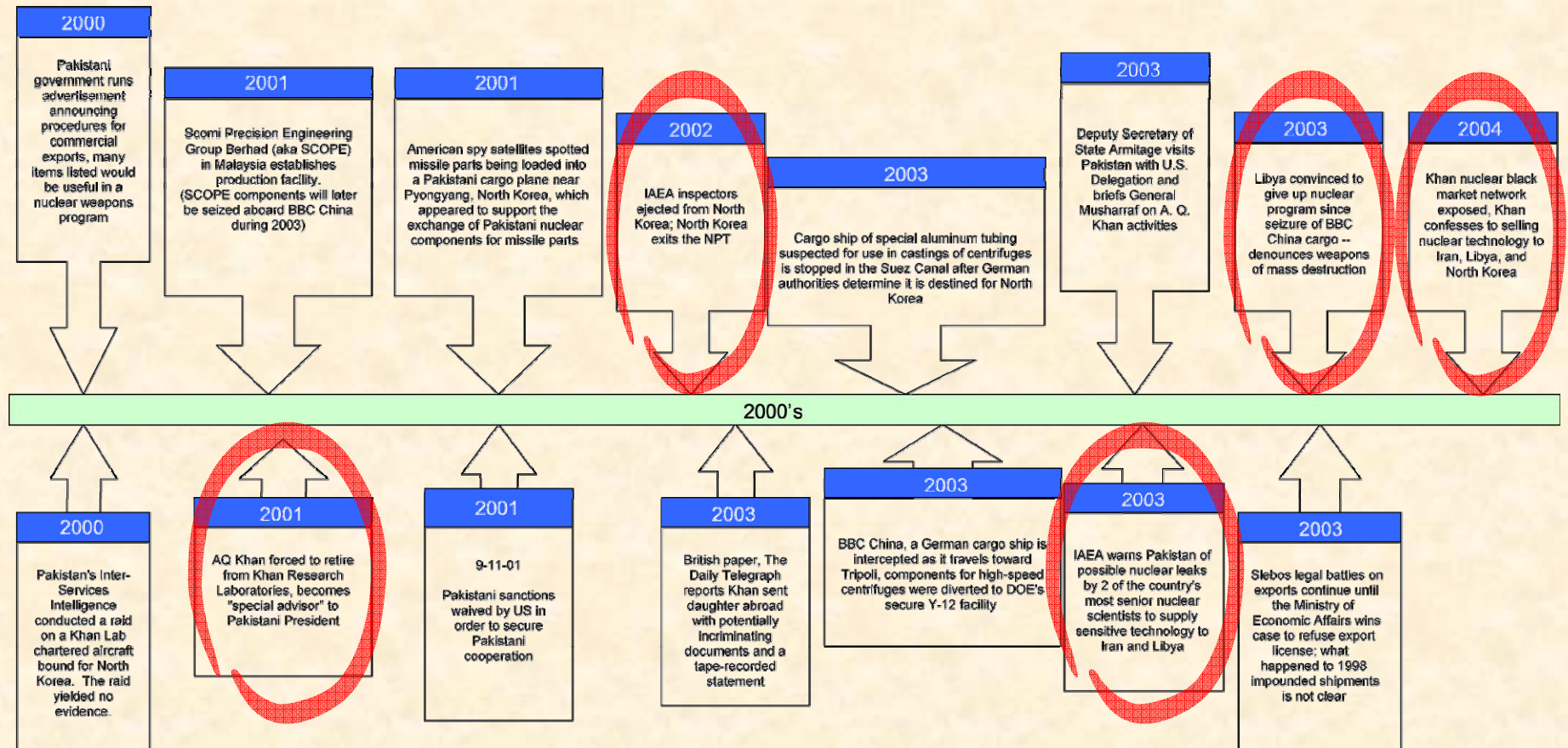


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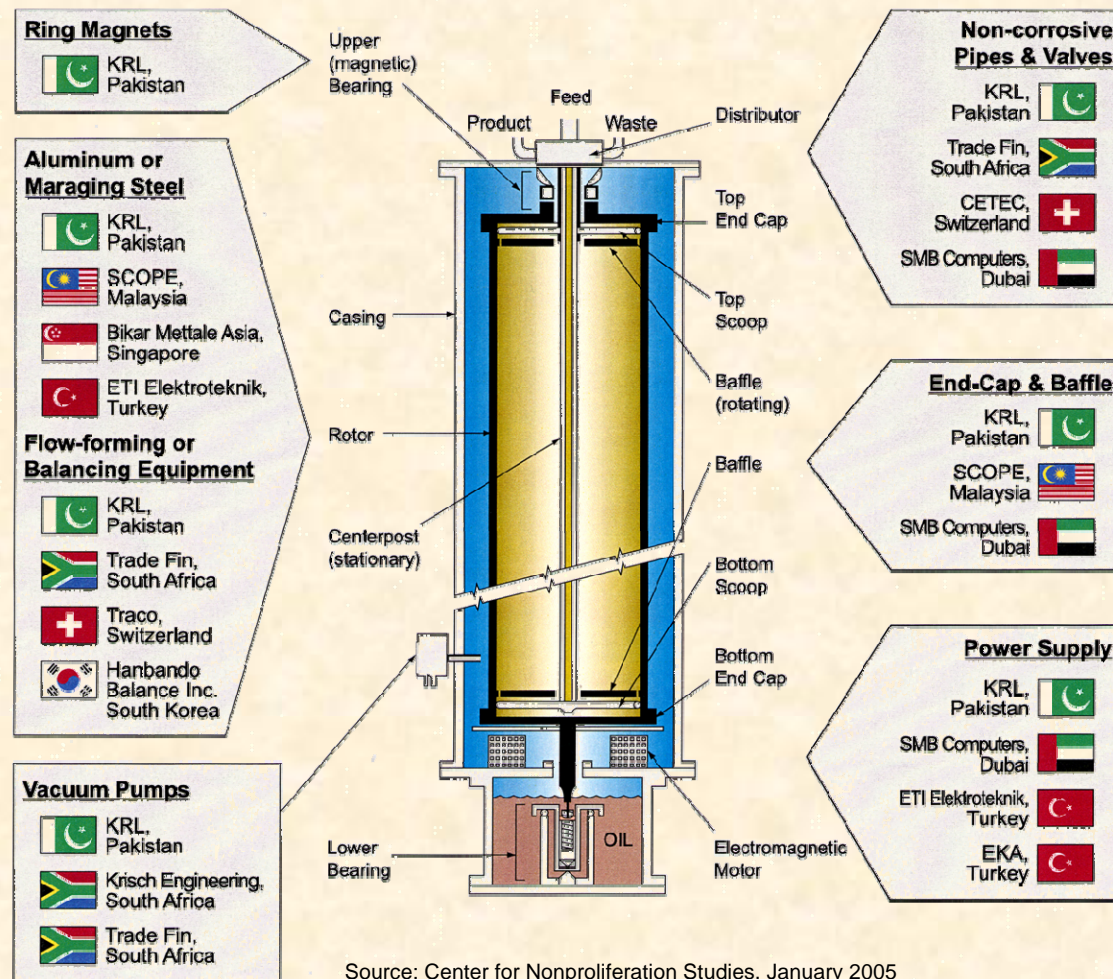
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UT-BATTELLE

A.Q. Khan Timeline (cont'd)



Companies Reported to Have Sold or Attempted to Sell Libya Gas Centrifuge Components



CNS The Center for Nonproliferation Studies at the Monterey Institute of International Studies

This graphic representation of the numerous countries involved — generally without their knowledge — in the Libya nuclear weapons program clearly demonstrates the need for tightening export controls as they relate to sensitive dual-use technology.

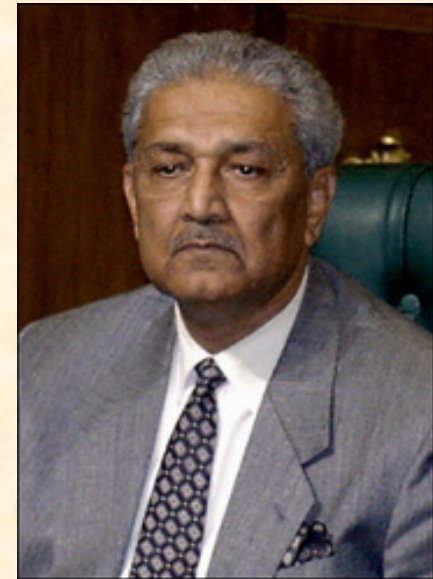
Disclaimer: Information for this chart was taken from open press sources and unclassified government documents and are presented on an as-reported basis. The **Center for Nonproliferation Studies** cannot vouch for the accuracy or veracity of these reports.

A. Q. Khan – Where Is He Now?

He was a national hero and multi-millionaire, owning a fleet of vintage cars and properties. Today, at 68 years of age, he is confined to his modern, squat, and dark mansion in Islamabad. He is in poor health and has bouts of depression.

It is unsure whether activities in his illicit network are still ongoing, but a recent search of his laboratory disclosed that 16 cylinders of uranium hexafluoride gas—critical ingredient for uranium enrichment—are missing.

The world is only beginning to reckon with his legacy.



If you have questions, feel free to call
me at 576-4003.

Thank you!