# U.S. Cold War gift: Iran nuclear plant

Now cited as evidence of weapons activity, facility was provided to shah's government

## By Sam Roe

Tribune staff reporter

In the heart of Tehran sits one of Iran's most important nuclear facilities, a dome-shaped building where scientists have conducted secret experiments that could help the country build atomic bombs. It was provided to the Iranians by the United States.

The Tehran Research Reactor represents a little-known aspect of the international uproar over the country's alleged weapons program. Not only did the U.S. provide the reactor in the 1960s as part of a Cold War strategy, America also supplied the weapons-grade uranium needed to power the facility—fuel that remains in Iran and could be used to help make nuclear arms.

As the U.S. and other countries wrestle with Iran's refusal this week to curb its nuclear capabilities, an examination of

■ House report criticizes U.S. intelligence on Iran. PAGE 17

the Tehran facility sheds light on the degree to which the United States has been complicit in Iran developing those capabilities.

International Though the Atomic Energy Agency, the United Nations nuclear watchdog, has found no proof Iran is building a bomb, the agency says the country has repeatedly concealed its nuclear activities from inspectors. And some of these activities have taken place in the U.S.-supplied reactor, IAEA records show, including experiments with uranium, a key material in the production of nuclear weapons.

U.S. officials point to these activities as evidence Iran is try-

PLEASE SEE IRAN, PAGE 17

THURSDAY

## **IRAN:**

# Other nations also helped nuclear work

CONTNUED FROM PAGE 1
ing to construct nuclear arms, but they do not publicly mention that the work has taken place in a U.S.-supplied facility.
The U.S. provided the reactor when America was eager to prop up the shah, who also was aligned against the Soviet Union at the time. After the Islamic revolution toppled the shah in 1879, the reactor became a reminder that in geopolitics, today's ally can become tomorrow's threat.

Also missing from the current demands of the control of the

ly known.
The Bush administration has

be more troubled than previously known.

The Bush administration has portrayed the program as a seasifilitied to the result of the

#### This was not an oversight'

This was not an oversight 'Jeffrey Lewis, an arms confolexpert at Harvard University, said bungling might be to blame for some infractions, but the Iranians clearly concealed major nuclear a cativities, such as building a facility to enrich unanium. "This was not an oversight." he said. Another overlooked concern about the Tehran reactor is the weapons-grade fuel the U.S. provided Iran in the 1969s—about 10 pounds of highly enriched uranium, the most valuable material to bombianders. It is still at the reactor and susceptible to theft, U.S. scientists familiar with the situation said. drady been burned in the reactor, but the "spent fuel" is still highly enriched and could be used in a bomb. Normally, spent fuel is so adioactive that terrorists could not handle it without causing themselves great harm. But the spent fuel in Iran has sat in storage for so longer highly radioactive and could be handled easily, the U.S. scientists say.

The fuel is about one-fifth the

no longer nighty radioscurve and could be handled easily, the U.S. scientists say. The fuel is about one-fifth the amount needed to make a nuclear weapon, but experts said it could be combined with other material to construct a bomb. In an interview, Linton Brooks, head of the National Nuclear Security Administration, an arm of the U.S. bend (like to retrieve the U.S. souplied fuel, but the top priority has been to get Iran to suspend its emrichment efforts.

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Iran. "Its purpose is mainly advanced training and producing a cadre of nuclear engineers," said Paul Rogers, an arms control expert at the University of Bradford in England. "So it's one of the facilities that is really quite significant."

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Exactly how significant is unclear. The Tehran reactor provided the foundation for Iran's nuclear program, but that program now consists of numerous other facilities as well. And over the years, Iran has obtained nuclear aid from various sources,



AP photo by V The U.S. provided about 10 pounds of highly enriched uranium for the Tehran Research Re The IAEA rebuked Iran for

including Russia and the black market network of Pakistani scientist A.Q. Khan. China also scientist and scientist a

supplied reactor. In 2004, John Bolton, the State In 2004, John Bolton, the State Department's senior arms con-trol official at the time, told a congressional panel that fran's covert nuclear weapons pro-gram was marked by a "two-dec-ades-long record of obfuscation and deceit." He cited experi-ments in the reactor as part of the avidance.

and deceit." He cited experiments in the reactor as part of the evidence. Several months later, Bolton told another congressional penthal train had received technological assistance from companies in Russia, China and North Korea in an attempt to develop missiles capable of delivering nuclear weapons. Countries that provide Iran such technology "ought to know better," sald Bolton, now the American ambassador to the United Nations. If foreign companies aid Iran, the U.S. "will impose economic burdens and brand them as proliferators." What Bolton didn't note: America's role in Iran's nuclear That role has complicated U.S. efforts to gain support for greater restrictions on Iran's nuclear programment of the Residual Conference of the Residual help Iran build a nuclear power

plant.

But Russia has noted the U.S. had no problem providing Iran a research reactor and highly enriched uranium when it was politically expedient.

### CIA helped restore shah

CIA helped restore shah

Those who defend the U.S. say it should not be faulted for aiding Iran in the past. "It's not the international community's fault for helping Iran exercise tis rights in the past." to develop nuclear energy for peaceful uses, said Lewis, the Harvard expert. "It's Iran's fault for not living up to its safeguards obligation."

Iran's nuclear program can

tion."
Iran's nuclear program can be traced to the Cold War era, when the U.S. provided nuclear technology to its allies, including Iran. In 1953, the CIA secretly helped overthrow Iran's deminant of the CIA secretly helped overthrow Iran's deminant. ly helped overthrow Iran's dem-ocratically elected prime minis-ter and restore the shah of Iran

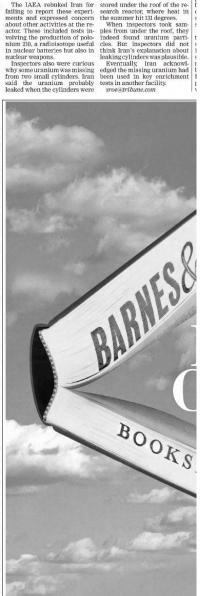
to power.
In the 1960s, the U.S. provided Iran its first nuclear research reactor. Despite Iran's enormous oil reserves, the shah wanted to build numerous nu-

reactor. Despite Iran's enormous oil reserves, the shah wanted to build numerous nu-clear power reactors, which American and other Western companies planned to supply. Yet today, the U.S. argues that Iran does not need to develop nuclear power because of those same perceiteum resources. In 1979, when the Sah was overthrown and U.S. bostages taken, America and Iran became enemies, Iran's nuclear came to the second of th

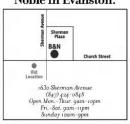
ments on uranium in the reac-tor between 1988 and 1992—ac-tivities that had not been previ-ously reported to the agency.

stored under the roof of the re

stored under the roof of the re-search reactor, where heat in the summer hit 131 degrees. When inspectors took sam-ples from under the roof, they indeed found urraium parti-cles. But inspectors did not think iran's explanation about leaking cylinders was plausible. Eventually, Iran acknowl-edged the missing uranium had been used in key enrichment tests in another facility. sroe@arribune.com



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