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.

the International Though 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-

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IRAN: Other nations also helped nuclear work CONTINUED FROM PAGE 1

CONTINUED FROM PAGE 1 ing to construct nuclear arms, but they do not publicly men-tion 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 1s-lamic revolution toppled the shah in 1979, the reactor became a reminder that in geopolitics, today's ally can become iomor-row's threat. A share over Iran's nuclear in-tentions is emerging widelence that its research program may be more rroubled than previous-ly known. The Reysh administration has

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be not routine than previous ly known. The Bash administration has philing the program as a pos-philing of the program as a pos-philing of the program as a pos-like the program and the pro-like the pro-philic the pro-section as and the the pro-like the pro-tect of the pro-tect of the pro-tect of the pro-like the pro-tect of the pro-like the pro-section of the pro-tect of the pro-te

'This was not an oversight'

This was not an oversight " This was not an oversight " Jeffrey Lewis, an arms con-trol expert at Harvard Universi-site of the second second second second the second second second second second and on collean activities, such as building a facility to enrich and the result of the second second second and the second se

no longer nighty reasonable and could be handled easily the U.S. scientists say. The fuel is about one-fifth the amount needed to make a nucle-ar 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 Administra-tion, an arm of the U.S. sough like to retrieve the U.S. supplied fuel, but the top priority has been to get Fran to suspend its been to get fran to suspend its enrichment efforts. Under the international nu

Encontent entors. Under the infrantion truey, tran has the right to enrich ura-tion of the enrich trans-the tright to enrich ura-tion of the enrich trans-the UN Security Council, saving tran has failed to prove it is not building weapons, has demand-el Iran stop enrichment by Aug. 30 of face economic sanctions. This week, Iran offered "serious talks" on its nuclear activities but did not promise to stop en-riching uranium. While Brooks downplayed the proliferation risk of the Tehran Research Reactor, some experts believe the facility is so impor-tant to Iran's nuclear program that it would be targeted in the event of aU.S. military strike on Iran. "any attrappes is mainly ad-avecat fraining and modulation

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

one of the facilities that is really quite significant." Exactly how significant is un-clear. The Fahran reactor pro-vided the foundation for Iran's nuclear program, but that pro-gram now consists of numerous other facilities as well. And over the years, Iran has obtained nu-clear 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 U.S. provided about 10 poun including Russia and the black market network of Pakistani sis atist A.Q. Kham. China ala Sister A.Q. Kham. China ala Mosi of the world's muchearre-search reactors, which train students or produce radioiso-topes for medicine, fall under JAEA restrictions. Agency in-spectors have visited the Thi-rean facility several times in re-cent years. Iran says its nuclear program, including the U.S.-supplied reactor, is solely for alties on Iran, U.S. officials have populied reactor. Is not per-pendent of the Sate pupilod reactor.

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 Iran's covert nuclear weapons pro-gram was marked by a "two-dec-ades-long record of offiscation and deccit." He cited experi-ments in the reactor as part of the avidence

and deceit." He cited experi-ments in the reactor as part of the evidence. Several months later, Bolton told another congressional par-net in a state of the several and the eth tai tran had received techno-logical assistance from compa-nies 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." said Bolton, now the American ambassador to the United Nations. If foreign com-panies aid Iran, the U.S. "will impose economic burdens and brand them as proliferators." What Bolton didn't note: Americas srole in Iran's nuclear U.S. efforts to eain support for instance, the U.S. wantis, Russia to take a firmer stance on Iran's nuclear program and has been critical of Russian efforts to help tran build a nuclear power plant.

help Iran build a nuclear power

biant. 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

ClA helped restore shah Those who defend the U.S. say it should not be faulted for aid-ing Iran in the past. To knot the international community's fault for helping Iran exercise its rights in the past." to develop nuclear energy for peaceful us-es, said Lewis, the Harvard ex-pert. "It's Iran's fault for not Ity-ing up to its asfeguards obliga-tion." 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, includ-ing Iran. In 1953, the CIA secret-ly helped overthrow Iran's demly helped overthrow Iran's dem-ocratically elected prime minis-ter and restore the shah of Iran

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

reactor. Despite Iran's enor-mous 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 perroleum resources. In 1979, when the shah was overthrown and U.S. hostages taken, America and Iran be-ower provident induced rower environs: Italied. The U.S. refused to give Iran any more highly enriched ura-nium for its reactor, and Iran any more highly enriched ura-nium for its reactor, and Iran work plustained new fuel from Argentina. This fuel is too low in enrichento to bused in weapons but powerful enough to run the facility. To this day, the reactor runs on this kind of ficials inspected the U.S. sup-plied reactor, Iran acknowl-edged it had conducted experi-ments on uranium in the reac-tor between 1988 and 1992-ac-

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-search reactor, where heat in the summer hit 13 degrees. When inspectors took sam-ples from under the roof, they indeed found uranium parti-cles. But inspectors did not think iran's explanation about leaking cylinders was plausible. Eventually, Iran acknowl-leaking cylinders was plausible. Eventually, Iran acknowl-testi an anther facility. sroe@stribune.com



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The IAEA rebuked Iran for stored under the roof of the re