



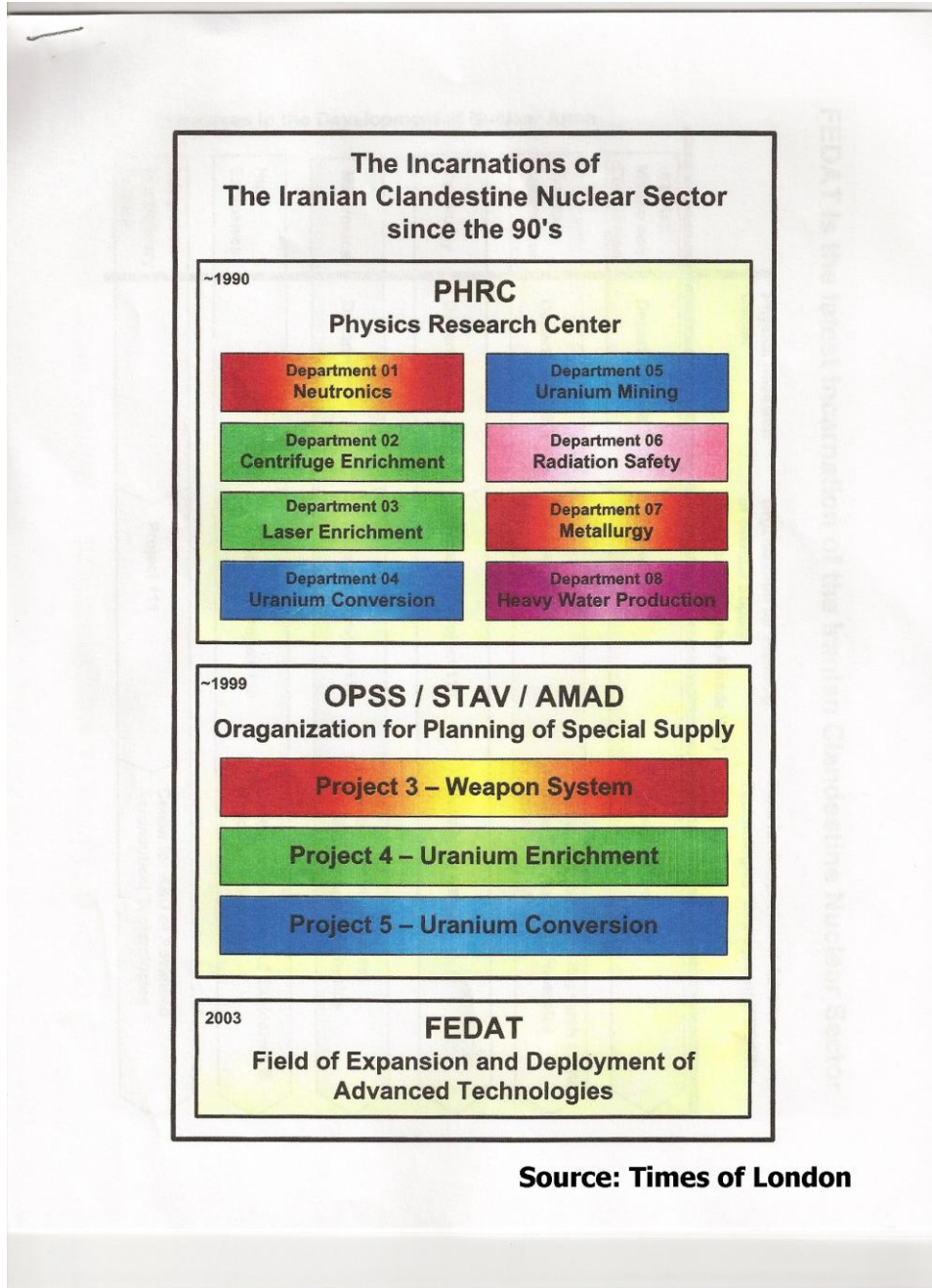
Institute for Science and International Security



ISIS REPORT

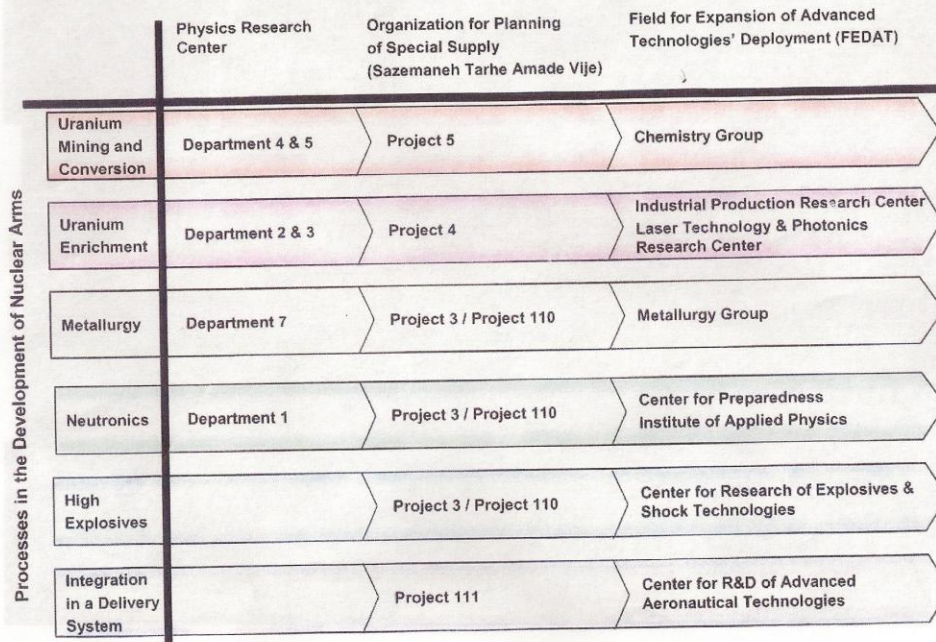
December 14, 2009

The following is a set of figures and documents assessing the organizational structure of what *The Times*' source calls Iran's "Clandestine Nuclear Sector" since the 1990s. ([*Leaked Memo Identifies Man at Head of Iran's Nuclear Programme*, *The Times*](#)) It includes a letter from Mohsen Fakhrizadeh, and its translation, that lists a set of addresses that are said to describe the structure of a secret nuclear effort under the Ministry of Defense called FEDAT. ISIS discussed this information with several government officials in the United States and abroad. They stated that these charts provide reliable information on this difficult subject. We decided to share this information to further the public debate.



Note On PHRC: The Physics Research Center (PHRC) was under Iran's Ministry of Defense and operated in parallel to the Atomic Energy Organization of Iran (AEOI). The AEOI was mainly responsible for developing fuel cycle facilities. The PHRC, according to this organizational chart, was focused on a range of projects, including fuel cycle activities and some possibly related to developing a nuclear weapon. But the exact relationship between PHRC and the AEOI is unclear and the subject of several of the outstanding questions the IAEA wants Iran to answer. Similarly the subsequent incarnations were in parallel to the AEOI, which built the Natanz facility.

FEDAT is the latest Incarnation of the Iranian Clandestine Nuclear Sector



Source: Times of London

Location of FEDAT Headquarters in Northeastern Tehran

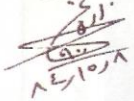


Source: Times of London

Original segment of a letter, dated December 29th 2005, from the chairman of FEDAT Mohsen Fakhri-Zadeh to his centers.

رئیس حوزه توسعه کاربرد فناوریهای پیشرفته

محسن فخری زاده


۸/۱۰/۸۵

گیرندگان:

- ۱- ریاست محترم مرکز آمادگی و فناوریهای نوین دفاعی
- ۲- ریاست محترم مرکز تحقیقات و توسعه فناوری انفجار و ضربه
- ۳- ریاست محترم مرکز ساخت و تحقیقات صنعتی
- ۴- ریاست محترم مرکز تحقیقات و فناوری مواد پیشرفته-گروه شیمیایی
- ۵- ریاست محترم مرکز تحقیقات و فناوری مواد پیشرفته-گروه فلزی
- ۶- ریاست محترم مرکز تحقیقات و طراحی فناوریهای نوین هوافضا
- ۷- ریاست محترم حفاظت اطلاعات حوزه
- ۸- معاون محترم مالی و بودجه حوزه
- ۹- معاون محترم طرح و برنامه حوزه
- ۱۰- معاون محترم علمی حوزه
- ۱۱- معاون محترم اداری و نیروی انسانی حوزه
- ۱۲- مدیریت محترم بازرسی و حقوقی حوزه

Source: Times of London

The image above is described as part of a letter from Mohsen Fakhri-zadeh.

Original segment of a letter, dated December 29th 2005, from the
Chairman of the Field for Expansion of Deployment of Advanced Technologies
Mohsen Fakhri-Zadeh
(Signature and date: December 29th 2005)

Addressees:

1. Chairman of the Center for Readiness and Modern Defense Technologies
2. Chairman of the Center for Research of Explosive and Shock Technologies
3. Chairman of the Industrial Production Research Center
4. Chairman of the Center for Advanced Material Research and Technologies –
The Chemistry Group
5. Chairman of the Center for Advanced Material Research and Technologies –
The Metallurgy Group
6. Chairman of the Center of R&D of Advanced Aeronautical Technologies
7. Head of the Information Security division of the Field
8. Head of Finance and Budget division of the Field
9. Head of Planning division of the Field
10. Head of Science division of the Field
11. Head of Administration and Personnel division of the Field
12. Director of Law and Inspection division of the Field

FEDAT centers embodies all the relevant disciplines for nuclear weapon research

Source: Times of London

This is an English translation of the previous letter in Farsi. The portion above the signature was not translated. The annotation in blue was added by *The Times*' source.