

School of Nuclear Knowledge Management

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Trieste, Italy

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CỤC KIỂM SOÁT VÀ AN TOÀN BỨC XẠ, HẠT NHÂN
VARANSAC

VIETNAM AGENCY
FOR RADIATION AND NUCLEAR SAFETY AND CONTROL
(VARANSAC)
www.varansac.gov.vn



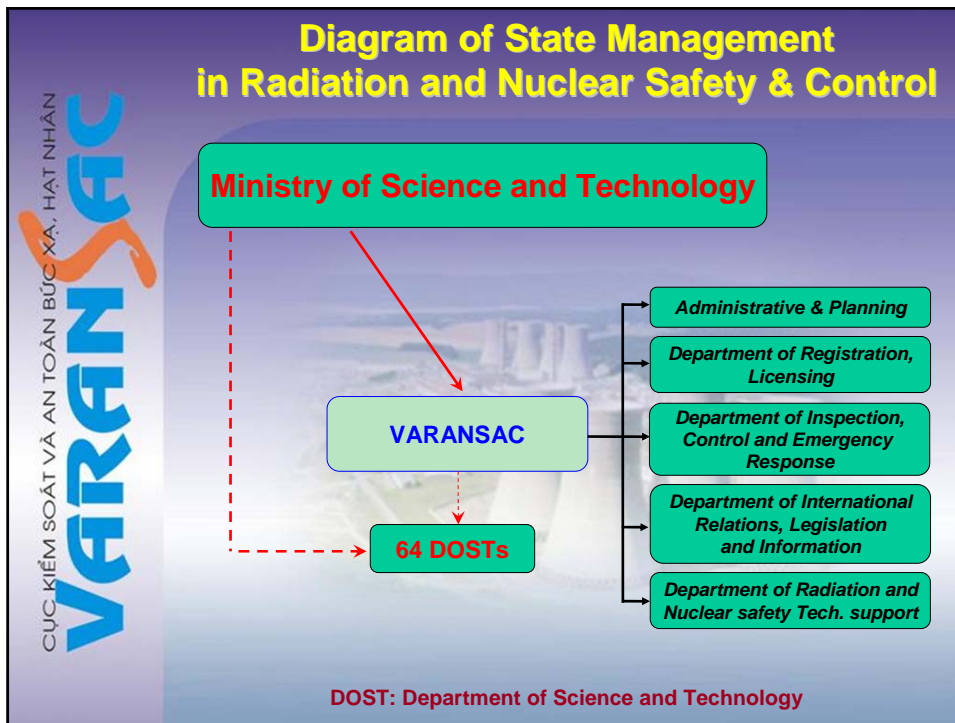
CỤC KIỂM SOÁT VÀ AN TOÀN BỨC XẠ, HẠT NHÂN
VARANSAC

VARANSAC
Regulatory Body of Vietnam

- ❖ **Established 20 June 2003, under Ministry of Science and Technology**
- ❖ **Is the successor of the Vietnam Radiation Protection and Nuclear Safety Authority (VRPA - 30 July 1994)**

Website: www.varansac.gov.vn





Main functions, duties & powers

VARANSAC has the role of State Management on Radiation and Nuclear Safety & Control

4. Regulatory inspections of radiation and nuclear safety
5. Guiding and directing Provincial Dept. of Science & Technology on radiation and nuclear safety & control
6. Management of radioactive wastes; radiation environmental monitoring, emergency response; radiation doses control and safety assessment

Organization structure

- Department of Administration and Planning
- Department of Inspection, Control and Emergency Response
- Department of Technical Assistance for radiation and nuclear safety
- Department of International Cooperation, Legislation and Information
- Department of Licensing



Problem of knowledge management...

Difficulties

- **The workforce and knowledge management system are aging**
 - › The average age of the nuclear workforce has been gradually rising
 - › It is hard to find the successors in order to transfer the knowledge as well as develop the tools and techniques for an effective transfer of the tacit knowledge

Difficulties

- **The proportion of graduates has been falling in recent years**
 - › There are only two universities which provide the nuclear field training program for students
 - › They are not interested in the nuclear field
 - › Families do not want their children to take this job
 - › There are many other jobs which are more interesting with higher salary

Difficulties

- **Knowledge transfer problem**
 - › The person who has the knowledge does not know that he or she has it or does not realize that's valuable
 - › For those who have the tacit knowledge do not want to share

Difficulties

- The graduates are not interested and the state organization is not keen on them
- The graduates are not trained in the right way.
- Foreign language is one of the biggest problems
- Lack of budget and policy
- It is hard to ensure the public acceptance

What have we done???

What we have done

- **Provide the best condition for the young scientists and the new comers**
 - Provide many training courses, even the language courses
 - Promise to let the new graduates take the higher course such as getting a Master Degree both in Vietnam and at foreigner countries
 - They can work with experienced and skilled officers

What we have done

- **Utilize the power of IT tools**
 - Build a website supported in two languages
 - Enhance the existing intranet
 - Build an online data base system called E-RAIS (all the records of import, use, export, transfer and disposal, materials can be traced)

What we have done

- We have fostered a knowledge sharing culture
- We consider knowledge is mainly people centered, especially, for the young scientists
- Industry has collaborated with universities and research institutes
- Positive and proper information has been transferred by the mass-media
- We have tried to find funding/budget resources
- **Decide to build the first NPP in the year 2020**

We have followed the motto:

“Let’s build a glorious future for the nuclear industry and we will have the best of the young generation with us”

Any suggestions and recommendations
are welcomed

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