Current status and future for improving accident communication with the public in China

On behalf of CSRP
Zhi Zeng
zengzhi@Tsinghua.edu.cn
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I. Current status and challenges
II. Efforts made by China Society of Radiation Protection (CSRP)
III. Future
I. Current Status and challenges
• Nuclear power industry development:
  • Operation: 47 units,
  • On building: 11 units
  • In planning: 15 units
  • lies in Liaoning, Shandong, Zhejiang, Jiangsu, Fujian, Guangdong, Guangxi and Hainan Provinces.

• With the development of the use of nuclear energy, more and more people have access to nuclear knowledge.
The fear comes from:

- Nuclear is **mysterious** -> its military application;
- Nuclear is **terrible** -> atomic bomb, nuclear incident;
- Nuclear is **complexity** -> decay, fusion, what it mean!

- For public, **NOT** necessary to know it, just escape from it!
An investigation on Public awareness and acceptance of nuclear-related projects were done during Nov. 2017 to Apr. 2018 throughout 3367 persons in 31 province by Centre for Publicity and Education, Ministry of Environmental Protection by phone call:

- some **misunderstanding** and **knowledge blind spot** about nuclear knowledge and the basic situation of nuclear power development.

- **Most trusted propaganda subjects** is nuclear experts, government and environment organization; low trust subjects is nuclear enterprise, public media

- **Happy to learn** nuclear knowledge propaganda;

- More than a half support for development of NPP, just 1/10 opposing. **BUT**, only less than 20% support for build a NPP near their residence.
II. Efforts made by China Society of Radiation Protection (CSRP)
CSRP host college student competition *Nuclear plus X* each year in different university since 2016. In 2019, students come from 30 university attend this competition.

In the competition, a team of *nuclear-related major undergraduates plus a non-nuclear major undergraduates* to create popular science artworks, such as video, presentation documents, webpages.

All the award artworks collected in webpage: [http://www.csrp.org.cn/kphd](http://www.csrp.org.cn/kphd)
• *Radiation Effects and Sources* issued by the United Nations Environment Programme (UNEP) were translated into Chinese and released to the public by CSRP.
Baidu wiki, the most popular wiki used by Chinese, is an important source of nuclear-related knowledge; But some entry related to nuclear is not exact right, sometimes something is wrong in the text.

A workgroup were setup in 2019 by CSRP to edit and revision the entry related to radiation protection. Provide a right and clear entry is our duty!
Public communication account of CSRP in WeChat was followed by total 4424 person, and until Nov. 2019 total readings achieved to 59710.
On Jun. 20-23, 2018, 16th early 21st Century Radiation Protection Forum - radiation, impact and public seminar was held in Xiamen.

248 experts and scholars from the nuclear and radiation, public information and communication and related radiation security sectors were invited to conduct various exchanges and sharing in the form of general assembly reports, poster displays and other issues, in response to radiation and its effects, as well as public awareness.
On Dec. 15, 2018, the Forum on Advanced Nuclear Technology Applications and Nuclear Culture and Public Communication, were successfully held at the Future Science and Technology Experience Museum of the Tsinghua Straits Academy.

More than 130 people involve many well-known academic scholars, authoritative experts, media and science workers participated the forum to discuss nuclear energy and nuclear safety, as well as concern for nuclear culture and communication with the public.
III. Future
• College Student Competition: *strength the power of young*
• Monographs translation: *strength the power of knowledge*
• Wiki edition: *strength the power of authority*
• Social software media: *strength the power of society*
• Forum on public communication: *strength the power of experts*

The road is under our feet!
Thanks!