

Dear Mr. Howsley,

It has been very interesting to talk with you about the establishment of the World Institute for Nuclear Security (WINS).

Security in nuclear field has a strong global dimension, since a threat to one of us is a threat to all of us. Exchange of information, good security practice and learning from each other are important in establishing reliable security arrangements and systems, and improving their effectiveness and efficiency.

As you know, in Finland we are building nuclear both above the ground level (new EPR-plant) and below (first phase of the final disposal facility for spent nuclear fuel). In our experience, economical and industrial globalisation is developing much faster than many realize. Typical business models of medium and large industries, commerce, financing and services businesses involved in nuclear started globalization years ago. "States" has no more the same meaning in modern business models as before. For example, in the construction of the new EPR nuclear power plant in Finland, there is over 1000 companies involved in more than 20 different countries. Nuclear supply chains continue to globalize with speed involving design works, modelling, manufacturing, logistics etc.

In addition to nuclear countries like Finland, there is a large number of countries who wish to embark nuclear power for the first time. They have limited or no regulatory infrastructure and competence to manage security, safety and safeguards related to the construction and operation of a NPP.

WINS can play an important role in promoting best security practices. In our experience, it would be most important and beneficial if as many of the best security (and safeguards) practices as possible would be embedded directly in the designs of new nuclear plants, structures, systems and components by the vendors and their designers, i.e. in the same way as happens in air and automobile industries.

STUK supports the establishment of WINS and believes that the sharing of best practices amongst security professionals is important and can generate the same kind of benefits as have been apparent in the nuclear safety field.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Tero Varjoranta".

Tero Varjoranta
Director