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Global acceptance on management and transport of spent fuels

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Orano TN the logistics division of Orano has developed a Global Acceptance model. The presentation will elaborate on the methodology and give some example of how the GA model has been used for new build equipment and international transports

Communication tools and speed have drastically changed compared to 20 years ago.

Many stakeholders from national to local levels can raise questions and reluctances that will slow down or potentially shutdown the new projects.

Consequently, when implementing a new nuclear site (new build, disposal and/or interim storage site for waste and spent fuel...) and/or transporting nuclear materials, a strong global acceptance program must be developed with all the stakeholders including public in order to succeed. A high standard of professionalism must be demonstrated to all the stakeholders understanding that it is not all about the safety of the technical solutions but the way we engage and communicate.

Additionally, such program must be implemented from the initiation of the project and shall continue through the operations of the project.

Orano TN has been successful for more than 50 years in shipping various types of nuclear materials including very sensitive materials. Such success would not have been possible without a proven global acceptance model. Using a consistent and well-established methodology, such model can apply to a new site project as well to a transport project. Lessons learned over the years have allowed us to perfect our methodology.

The paper will describe the main steps of our global acceptance methodology and provide two industrial examples to demonstrate the benefit of the program.

The first example is linked to transport activities and more precisely maritime transportation of MOX Fuels and Vitrified residues from Europe to Japan.

The second example is, linked to the development of a centralized interim facility in the USA.

Addressing various items for a long term Global Acceptance program, the presentation will elaborate on these examples to demonstrate the necessity of deploying an efficient GA program to secure any investment in the nuclear field and associated transports.

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Country or International Organization

France

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