

Fellowship Profile

IAEA PROGRAMS
AT ARGONNE NATIONAL LABORATORY

Government & regulatory Infrastructure
for nuclear installation safety

TRAINING SUMMARY

My name is Tomasz Trzciński, and I am from Poland, where I work as the Deputy Director of the Nuclear Technology and Operations Division at Polskie Elekrownie Jądrowe Sp. z o. o. With over 20 years of experience in the field of Integrated Management Systems (IMS), I specialize in Nuclear Safety and Radiation Protection, Safety Culture, and Quality Management. For the past decade, I have supported the Polish Nuclear Power Programme in areas such as IMS development, fostering a strong safety culture, and coordinating technical cooperation with international organizations in the nuclear industry. Recently, I had the opportunity to participate in a training program at Oak Ridge National Laboratory (ORNL) in the United States, one of the world's leading nuclear research institutions.

During my time at ORNL, I gained a deeper understanding of the complexities of IMS and how to balance centralized oversight with localized management without compromising safety. I also learned how multiple management systems can be effectively linked within a comprehensive yet user-friendly framework. What impressed me most was the maturity of ORNL's IMS, where employees clearly understand their roles within the broader organizational goals, and compliance with rules and standards is seamlessly maintained. These experiences have given me a new perspective on what a highly developed, safety-oriented organization can achieve and how those principles can be adapted to other contexts.

WHATS NEXT?

This training has broadened my understanding of IMS complexity, and I am eager to apply what I've learned to address key challenges in the Polish Nuclear Power Programme. ORNL's example of operational excellence and safety will guide me as I work on improving IMS in the coming phases of our nuclear initiative. This experience has reaffirmed my commitment to building a robust and safety-focused management system for Poland's nuclear future.



"[This experience] broadened my understanding of complexity of IMS based on the example of ORNL, a mature, safety oriented organization which will help me to address some key aspects of PEJ challenges"

Tomasz Trzcinski - Poland

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