

# Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



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## **Plant Engineering and Construction System with Knowledge Management: A Case Study in NPP Construction in Hitachi-GE NE**

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Hitachi-GE Nuclear Energy, Ltd. (HGNE) has more than 40 years BWR plants construction experience. The company continues to develop plant engineering system and plant construction systems based on the experience and the lessons learned. Currently, these systems are integrated in a variety of knowledge bases using the latest information technology (IT). Their performance is continuously validated in the recent NPP constructions. Typical examples are shown as case studies for knowledge management. These plant engineering and construction management systems are essential to achieve the on-time and on-budget-goals in NPP construction projects.

### **Country or International Organization**

Japan

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