



Korea Nuclear Engineering Services, Ltd

Address	5th Fl., Ilheung Bldg., 65 Myeongdal-ro, Seocho-gu, Seoul	President and CEO	Dr. Choi, Kyu-sub
Website	http://kones21.com/index_en.php	Number of Employees	47
LinkedIn	https://www.linkedin.com/company/kones-corporation/	Date of Establishment	March, 2004
Person in Charge	Mr. Sung, Nak-hoon	Nuclear Sales in 2018 (in Million KRW)	
Affiliation	Manager, NPP Decommissioning Project Team	Business Field	Design and Engineering/Nuclear Fuel/Waste Management/Research and Development
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Company Introduction

KONES is the one of the leading engineering company focusing on the management of radioactive waste and spent fuel, and decommissioning of nuclear facilities.

As the first private company in Korea who developed commercial scale spent fuel transport cask, the experiences encompass design of spent fuel transport and storage cask and system, radioactive waste transport container, high density storage rack for new & spent fuel, and trans-shipment of spent fuel. Decommissioning engineering is another main area and the projects carried out includes decommissioning cost estimate of nuclear power plant, radioactive waste package design, management, and tracking system.

Major Products and Services

KONES developed commercial scale spent fuel transport cask, KN-18. and, The company has developed transportation and storage dual purpose cask, KORAD-21, for KORAD which is expected to be licensed in near future.

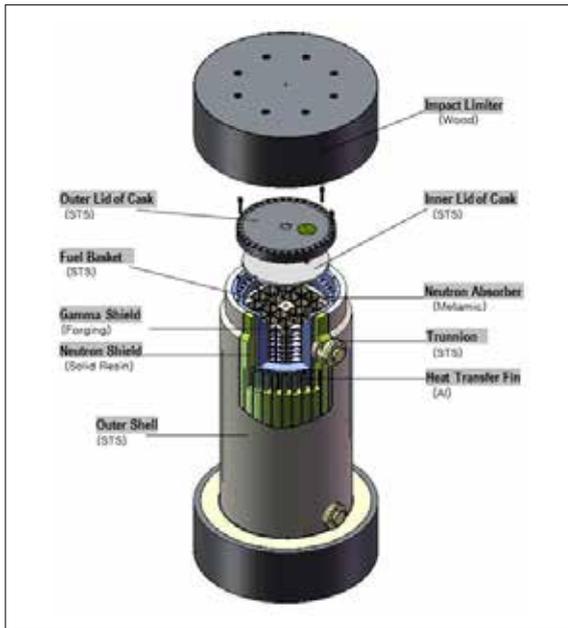
For the spent fuel from CANDU reactors, the company designed high density dry storage system, MACSTOR/KN-400. and KONES provides 9 types of containers for KORAD. In the area of decommissioning business, KONES successfully completed cost estimation projects on nuclear power plants with bottom-up approaches. KONES also participated in the project of decommissioning Waste Tracking System (WATS) which utilizes relational database management system and RFIDs for efficient tracking management. And recently, project of system development for decommissioning cost estimation and process management with 3D BIM is completed.

Major Business Records, Partners and Markets

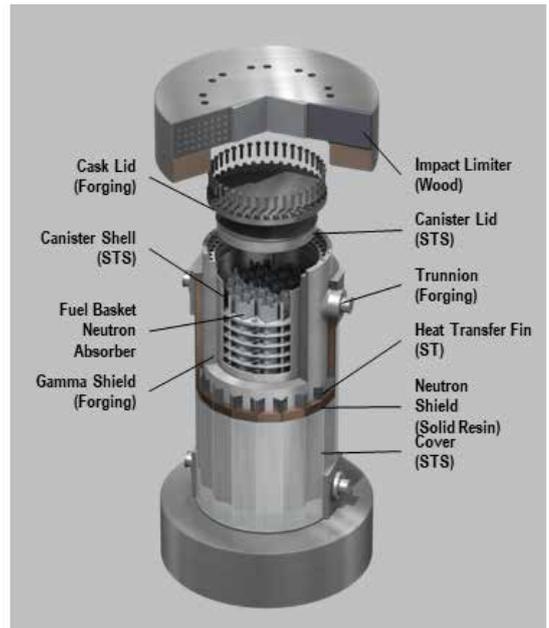
- KONES has more than 80 of design and engineering project experiences in the field of spent fuel, radioactive waste management, and decommissioning.
 - Design of high density dry storage facility for CANDU spent nuclear fuel
 - Design of Transport Containers for low and intermediate level wastes
 - Estimating decommissioning cost by utilizing DeCAT program
 - Development of packages for RV/RVI activated metal wastes
 - Optimize decommissioning WASTE Tracking System (WATS)
 - Decommissioning cost estimation and project management with 3D BIM
- KONES is now reaching out to the overseas market with the cooperation
 - USA : CTR, RSCS
 - EU : Ove Arup & Partners, PT&C, VUJE, DECOM, GNS

Qualification, Certificates, Patents and Awards

- Qualifications & Certificates
 - Certificate holder of ISO 9001 Quality Management System
 - Establishment and operation of Quality assurance and management system according to KEPIC-QAP & ASME NQA-1
 - Registration of Q-class business for KHNP in seismic qualification of safety equipment, and structural analysis & engineering
 - Korea Foundation of Nuclear Safety accredited entity as seismic performance qualification
- Patents
 - 28 items Registered, and 2 items in progress in Nuclear, New & Renewable energy area, and most of them are related with radioactive wastes and spent fuel management.



KN-18



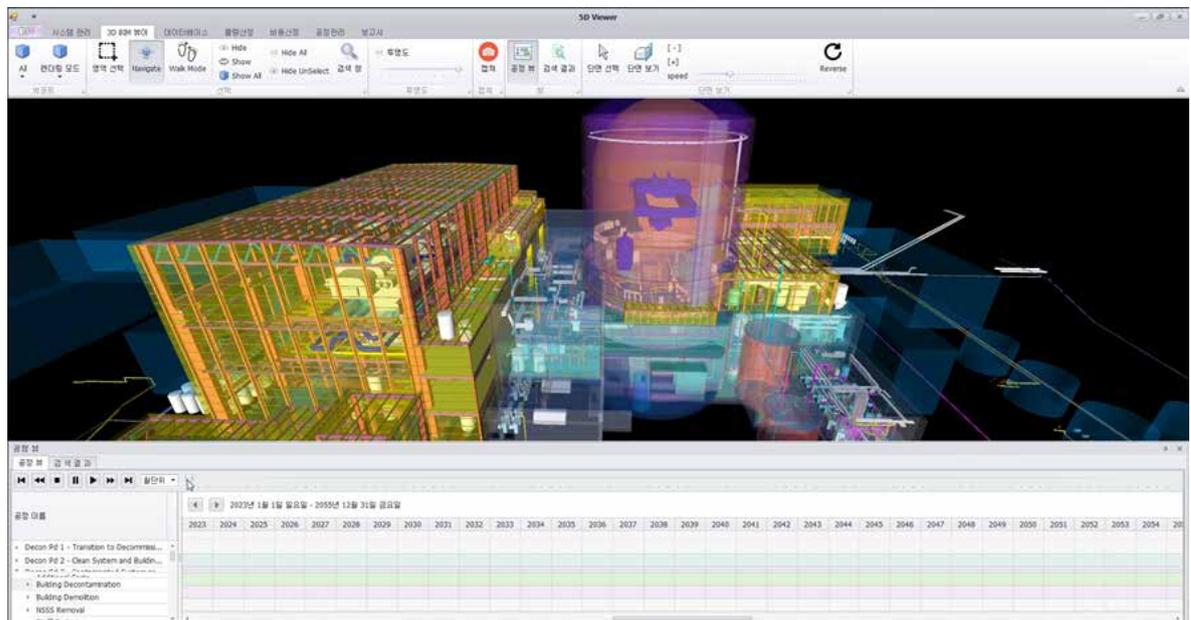
KORAD-21



MACSTOR / KN-400



IP-2 A/B type



Waste Tracking System (WATS)