

Address	32th Floor, 13 Heungdeok 1-ro, Giheung-gu, Yongin-si, Gyeonggi-do	President and CEO	Mr. Lee, Byung-chul
Website	www.fnctech.com	Number of Employees	111
Person in Charge	Mr. Chung, Young-wook	Date of Establishment	July 1, 2000
Affiliation	Director, Overseas Business Team	Nuclear Sales in 2018 (in Million KRW)	14,613
Office Number	(+82)-31-8065-5137	Business Field	Design and Engineering
E-mail	viper61@fnctech.com		

Company Introduction

FNC has stream-lined operation and highly qualified personnel with many years of plant operation experience and in-depth understanding of plant issues first-hand.

FNC provides engineering services correctly the first time with proven record of success, understanding the importance of safety and performance. Our services can start from the conceptual stage to engineering, manufacturing and procurement, taking active role in each stage.

Major Products and Services

- Reactor Core Design and Analysis
- Aircraft Impact Assessment in NPP
- Severe Accident Management and Analysis with Computer Codes
- Containment Thermal-Hydraulic (TH) Analysis
- Development & Design of Passive Safety System
- Periodic Safety Review for Facilities
- Human Factors Engineering Program Review
- Containment Filtered Venting System (CFVS)
- Gas Void Monitoring and Control System (GVMCS)
- ECCS Sump Strainer Performance Test

Major Business Records, Partners and Markets

- Major Business Records
 - Power Operation Technology
 - Accident Analysis with RELAP5/MOD3.3, MARS, CATHENA code
 - Development of ITS, EOG/EOP, PSTG
 - Periodic Safety Review (PSR) for NPP
 - Safety Strategy Technology
 - Probabilistic Risk Assessment (PRA)
 - Severe Accident Analysis using MAAP, MELCOR, ISAAC, CONTAIN code
 - Thermo-Hydraulic Technology
 - System and Containment Thermal-Hydraulic Analysis
 - Development of Passive Safety System
- Partners
 - Domestic Partners : KHNP, KEPCO E&C, KAERI, KINS, KORAD
 - Overseas : EPRI, Nawah Energy, SNC-Lavalin, Paul Scherrer Institut, Oakridge Sciences and Services

Qualification, Certificates, Patents and Awards

- Qualification and Certificates : ASME N, KEPIC MN, ISO 9001:2009
- 33 Patents in total for nuclear business
- Best Performance Test Facilities and Sump Strainer Technologies in the World (KETEP, 2012)

