



Company Profile

Dec. 10, 2020

Moo Jin Kee Yeon Co., Ltd.

For UAE and Shin-Gori #5, 6



- *Air Receiver Tank*
- SA285-C
- 1,890(ID)x4,880L(mm)



- *Non-1E Diesel Fuel Oil Storage Tank*
- SA285-C
- 2,270(ID)x3,670L(mm)



- *Caustic Storage Tank*
- SA285-C
- 3,170(ID)x6,190L(mm)



- *LRS Monitor Tank*
- SA240-TP304
- 4,880(ID)x8,310L(mm)



- *Blowdown Flash Tank*
- SA516-70, SA285-C
- 3,048(ID)x10,065L(mm)



- *Diesel Fuel Oil Tank (ASME ND/KEPIC MND)*
- SA516 Gr.70
- 6,360(ID)x14,361L(mm)



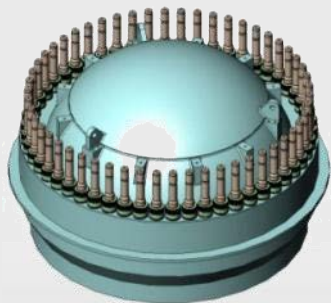
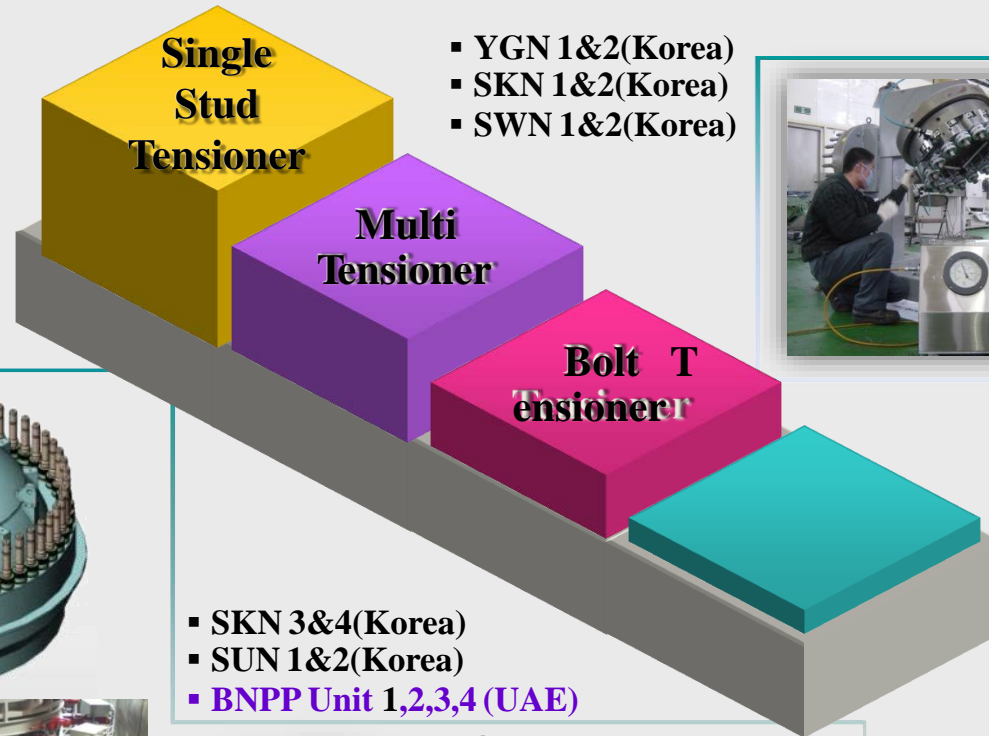
- *Ethanolamine Storage Tank*
- SA240-TP304, SA285-C
- 2,600(ID)x4,992L(mm)



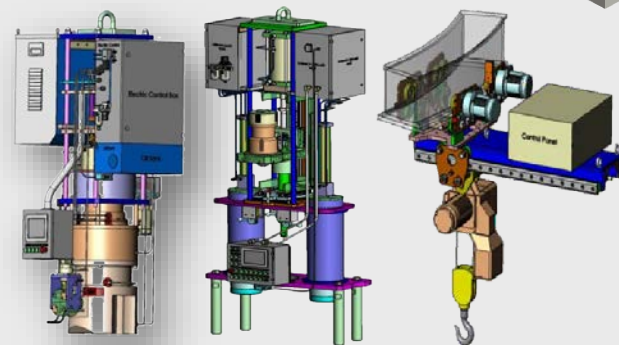
- *LZC Delay Tank (ASME ND)*
- SA240-TP304L
- 1,803(ID)x4,125L(mm)

Tensioning System

For UAE and Shin-Gori #5, 6



- SKN 3&4(Korea)
- SUN 1&2(Korea)
- BNPP Unit 1,2,3,4 (UAE)



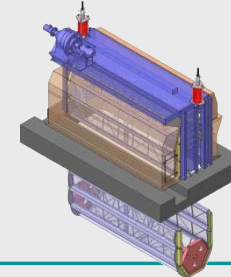
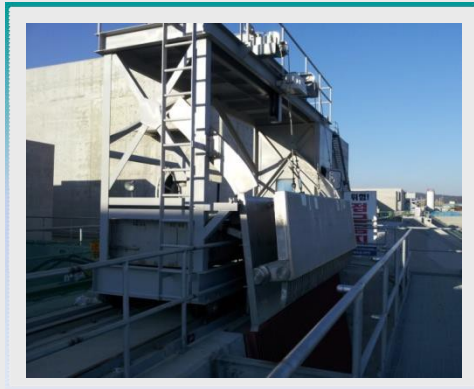
- YGN 1&2(Korea)
- GS Caltex
- SK Energy
- Hydro Power

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Intake Water Traveling Screen

For UAE and Shin-Gori #5, 6



- Wolsong NPP 1(Korea) - Replacement
- SKN 3&4(Korea)
- BNPP Unit 1,2,3,4 CW(UAE)

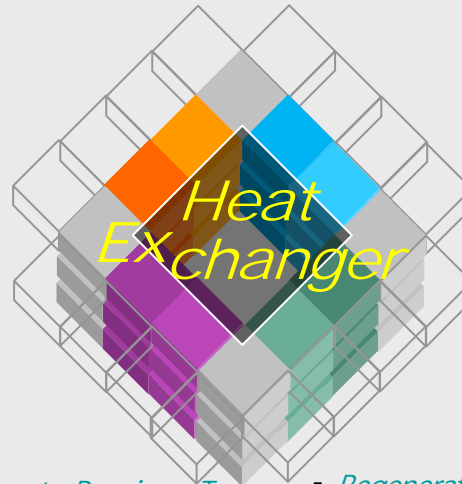


For UAE and Shin-Gori #5, 6



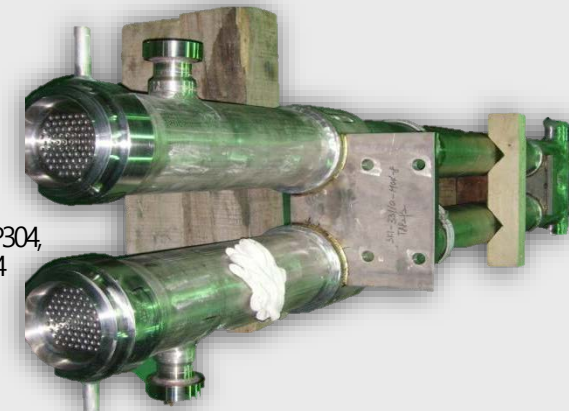
- *S/G Blowdown H/Ex.*
- SA516-70, SA105, SA283-C, SA688-Gr.TP304
- 2x600(ID)x4,900L(mm)

- *Let Down H/Ex.*
- SA516-70, SA105, SA106.B, SA213-TP304
- 540(ID)x6,150L(mm)



- *Condensate Receiver Tank w/ Vent Condenser.*
- SA285-C, SA105, SA156-70, SA266-Gr2
- 310(ID)x1,200(mm)
- *LRS Seal Water H/Ex.*
- SA688-Gr.TP304, SA106-B, SA266-Gr2
- 260(ID)x1,480(mm)

- *Regenerative H/Ex.*
- SA5312-TP304, SA403-WP304, SA182-F304, SA213-TP304
- 2x175(ID)x4,530L(mm)



For UAE and Shin-Gori #5, 6

Drum Capping Station



Drum Conveyor System

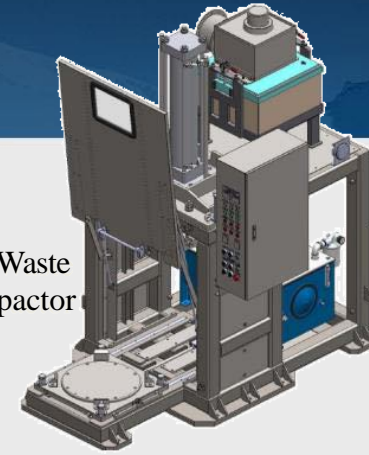


VITRIFICATION

OTHERS



Solid Waste Compactor



Fuel Handling/Storage System

For UAE and Shin-Gori #5, 6



- SKN Unit 1(Korea)
- BNPP Unit 1~4(UAE)

Fuel Storage Rack

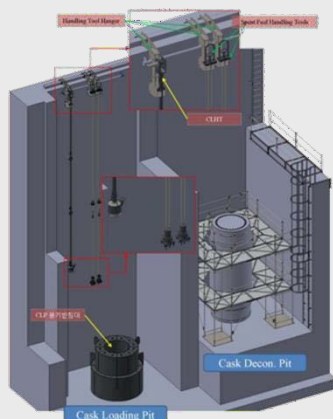
Refueling Machine



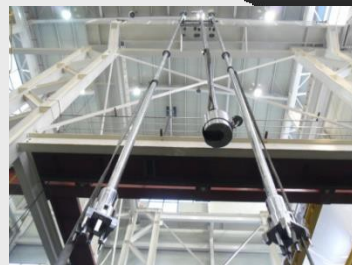
PWR

Spent Fuel Handling Tools

SFHM/CEACP



- Kori Unit 1&2(Korea)



- SKN 1&2(Korea)
- SWN 1&2(Korea)



Refueling M/C

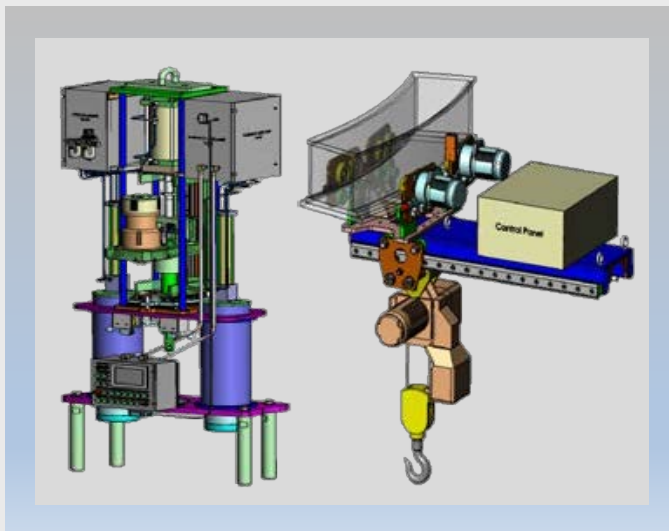
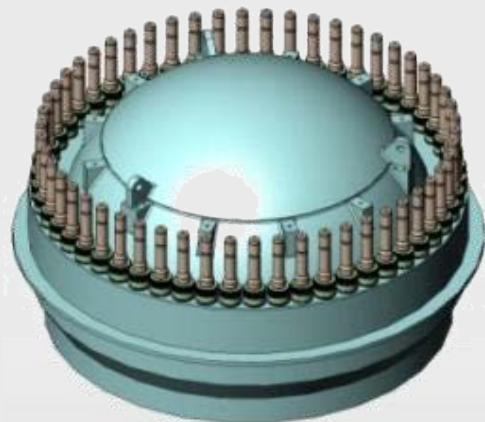
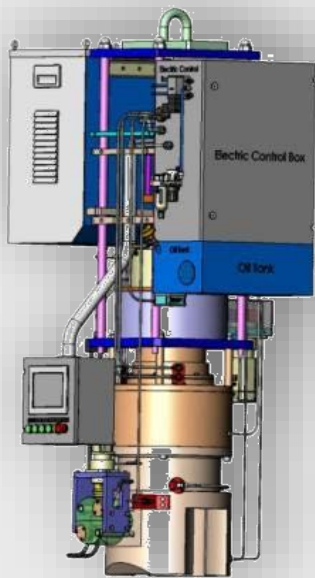
두산중공업
무진기연
KEPCO E&C



Single Stud Tensioner

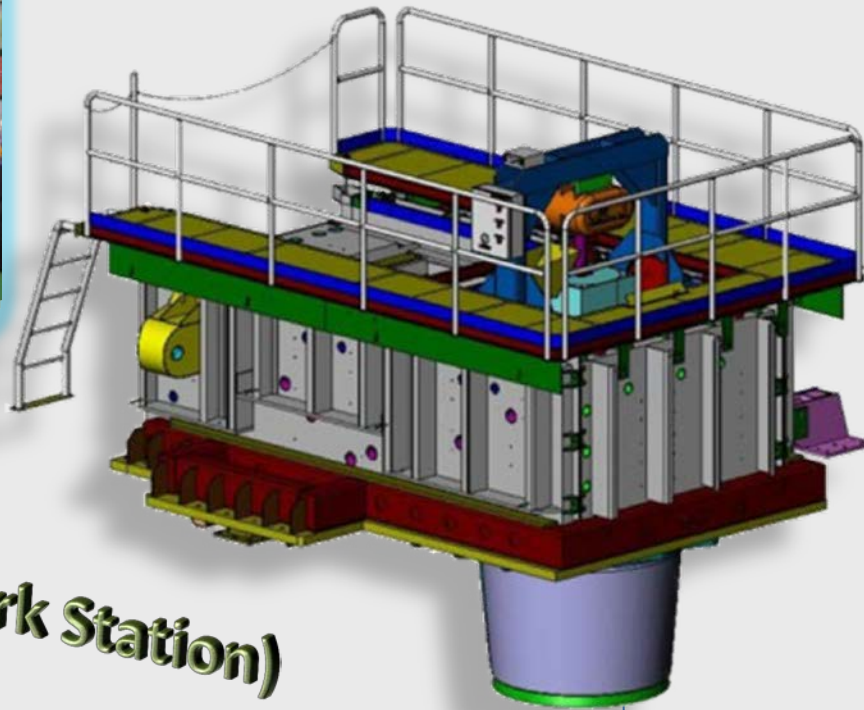
SST : Single Stud Tensioner

무진기연
한국수력원자력

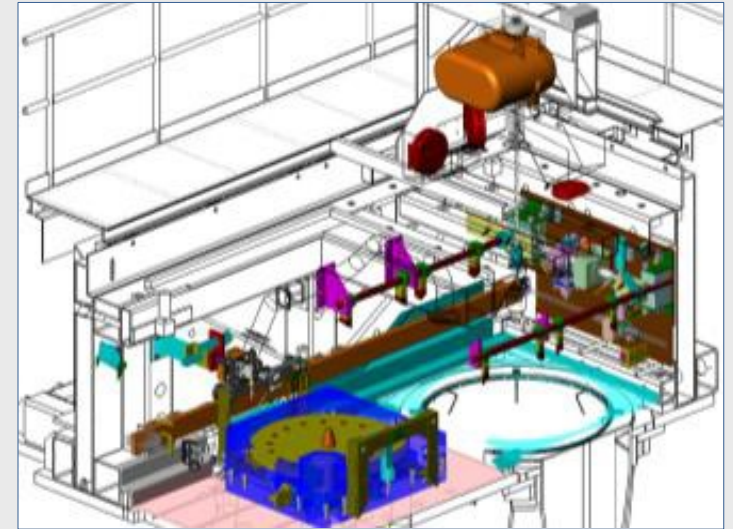


Shielded Work Station

The 1st and the only 1
in the world!!



SWS (Shielded Work Station)



Exported to

- Qinshan Phase III 1&2(**China**)
- Cernavoda NPP 2(**Romania**)

Domestic Reference

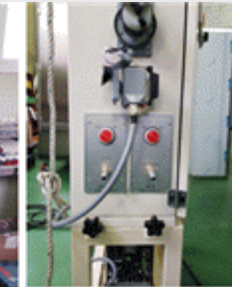
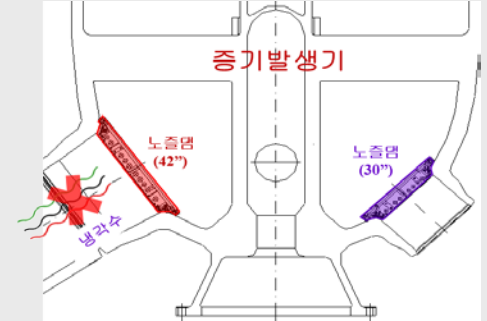
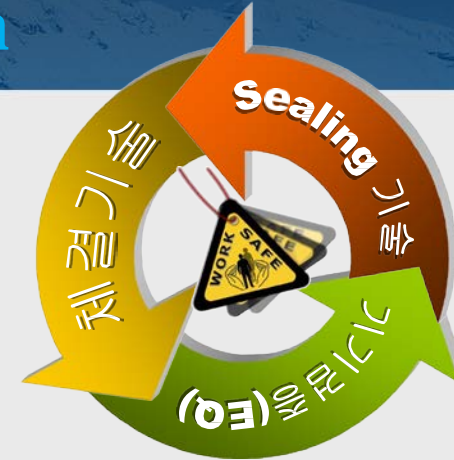
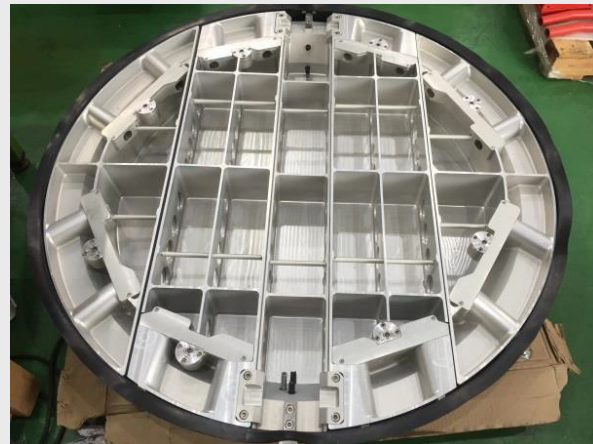
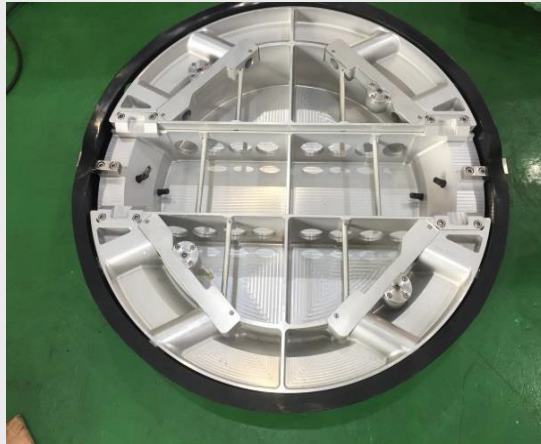
- Wolsong NPP 1,3,4(Korea)

R&D Results (recently)

Steam Generator Nozzle Dam

Steam Generator Nozzle Dam

무진기연
한국기계연구원



UPS



No.	프로그램명 (시행부처/기관)	과 제 명	시작일-종료일 (총 개발기간)	비 고
1	전력산업연구개발사업 (산업자원부)	한국형 표준원전용 Advanced Refueling Machine 개발	2005.03.01. 2008.02.28. (36개월)	주관 : 두산중공업 참여 : 무진기연, KEPCO E&C
2	중소기업협력기술개발사업 (한국수력원자력(주))	Single Stud Tensioner (SST) 국산화 개발	2005.10.05. 2007.04.04. (18개월)	주관 : 무진기연
3	민관공동투자기술개발사업 (중소기업청)	가동중 원전 안전등급 대형 냉각해수펌프 국산화개발	2011.12.01. 2013.11.30. (24개월)	주관 : 무진기연 위탁 : 원자력연구원
4	에너지기술개발사업 (산업통상부)	증기발생기 노즐댐 (Steam Generator Nozzle Dam) 국산화개발	2016.12.01. 2019.09.30. (34개월)	주관 : 무진기연 참여 : 한국기계연구원
5	에너지기술개발사업 (산업통상부)	대용량증수로 사용후연료 운반용기 개발	2017.05.01. 2023.04.30. (72개월)	주관 : 코네스 참여 : 무진기연, KAERI
6	원자력연구개발사업	해양용 초소형원자력 실용화 기술평가 및 Mockup 종합 실증	2019.04.19 2022.12.31 (45개월)	주관 : UNIST 참여 : 무진, KAIST, 경희대, 서울대, 울산대

Social Activities



Social Activities



Social Activities





THANK YOU

Moo Jin Kee Yeon Co., Ltd
2020 2020 2020 2020 2020

*Looking Forward to supporting **YOU** in near future....*

