

Spent Fuel Pool Suction Strainer Cover

The Strainer Cover provides a positive means of isolating the spent fuel piping system. The Cover is suspended in front of the suction strainer and slipped into place. Seal locking bolts are tightened to the specified torque completing the installation. Installation time is under 30 minutes.

The Cover is a stainless steel weldment complete with seal, compression ring, maneuvering handles, integral safety cable lugs and a vent/fill valve. Actuation of the seal is accomplished through tightening of the compression ring by rotation of the seal bolts. Since the installation of the Cover is typically performed from a distance approaching 20 feet, the seal compression bolts are accessed and rotated with a pole socket. The Cover Seal is constructed of radiation resistant elastomer and is designed to be easily replaced by a simple prying action to remove the seal to the inside of the Cover. No seal retaining screws or clips are required. The Cover is electropolished to facilitate decon activities.



Positive Seal

30 minute Installation

Easy Seal Replacement

Remote Installation

Watertight Seal

PREFERRED ENGINEERING

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Spent Fuel Pool Suction Cover Strainer

Advantages:

- **Positive Seal**—requires no air pressure.
- **Remotely installed.**
- **Fill/vent valve operated with a 90° turn.**
- **Same tool used for seal actuation and valve operation.**
- **Dual safety cables.**
- **Sealing and holding pressures to meet your needs.**
- **Easily deconed.**
- **Seal replacement in minutes with only a flat bar.**

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... To Real Utility Problems.

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Main Steam Line Plugs (Wet-Lift or Dry)
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Recirc Nozzle Plugs
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Torus Drain Plugs
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CRD Return Nozzle Plug
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AUTOMATED LIFTING

Automated Shield Block Lifting Strongback 20-65T
Automated Hook Box 125T
Fuel Transfer Cattle Chute Strongback

MAINTENANCE APPARATUS

RPV O-Ring Groove Cleaner
RPV Flange Cleaner
RPV Head Stud Hole Cleaner
Ice Basket Tab Grinders
Carousel Automation System

SPECIAL SEALING

RPV Internals Storage Pool Gate
Temporary RPV Cover/Seal (25 FT Head)
RPV Isolation Cover (Low Head)
Ex Core & Blow Out Covers
Sand Box Covers with “Quik-Bolts”
NI Box Covers with “Quik-Bolts”
RPV Cavity Seal Systems with “Quik-Bolts”
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Inspection Hatch Covers
ERDC Covers with “Quik-Bolts”

REFUELING APPARATUS

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Auxiliary Bridge Design
Fuel Transfer Upgrades
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High Capacity Rigid Pole System