



NUHOWS Rad Waste Canister
Lower cost, lower project risk and
lower radiation dose

A
AREVA

Proven technology that is compatible with the Transnuclear NUHOMS® system, the Rad Waste Canister (RWC) is the cost-effective solution for transportation to an on-site storage facility or an interim storage facility.

Transnuclear, Inc.'s NUClear HOrizontal Waste Storage (NUHOWS) RWC provides customers with an innovative, flexible and cost-effective solution for long-term interim storage and the future transport and disposal of irradiated reactor components.

Large Capacity

The large NUHOWS RWC volume (330 cubic feet) facilitates custom internal configurations tailored to plant needs, and enables long-term interim storage of hardware with high packaging efficiency that accommodates 50+ whole control rod blades or 120+ flattened control rod blades.

Retrievable and Transportable

The NUHOWS RWC uses a relatively quick and contamination-free transfer process to a concrete Horizontal Storage Module (HSM) with the most robust radiation shielding in the industry. The RWC is easily retrievable, allowing the flexibility to do multiple loadings. Thus the RWC can be partially loaded, stored and subsequently returned to the used fuel pool for loading components to fill the RWC.

TRANSNUCLEAR, Inc.

For more information, contact Glen Rae, Mgr., Business Development
Tel: 434 847 4925 Cell: 443 285 2567
glen.rae@areva.com • www.transnuclear.com
or your VP, Key Accounts: 3315 Old Forest Road, Lynchburg, VA 24501
Tel: 704 805 2410 – Fax: 434 832 5629
regional.manager@areva.com • www.us.aveva.com

NUHOWS RWC features:

- Lower radiation levels
- Internal designs tailored to store various reactor components in processed or unprocessed form
- More stable than vertical systems
 - No tip-over analysis required, no stack-up evolution, no outside heavy lifts
- No floor load concerns, no interference concerns, no haul path modifications needed

NUHOWS RWC specifications:

- Accommodates irradiated reactor components such as control rod blades, jet pumps, fuel channels, etc.
- Stainless steel shell
- Carbon steel inner
- Bolted or welded lid
- Capacity: 330 cubic feet
- Dimensions:
 - 67" / 63" external/internal diameter
 - 194" / 182" external/internal length
- 56 tons maximum loaded weight

The data and information contained herein are provided solely for illustration and informational purposes and create no legal obligations by Transnuclear or any AREVA Group company. None of the information or data is intended by Transnuclear or any AREVA Group company to be a representation or a warranty of any kind, expressed or implied, and Transnuclear or any AREVA Group company assumes no liability for the use of or reliance on any information or data disclosed in this document. © 2013 TRANSNUCLEAR, INC. All rights reserved.