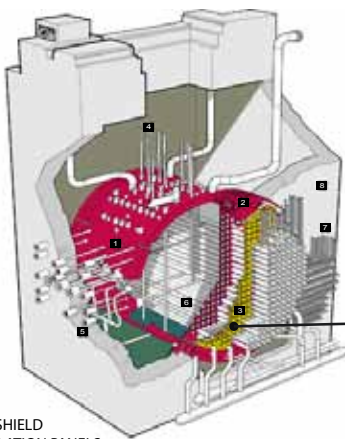


## ON **CANDU 6** REACTORS' CALANDRIA END SHIELDS

# OUR REMOVABLE INSULATION PANELS KEEP HEAT WHERE IT BELONGS

Prodimax removable thermal insulation panels are made especially for CANDU 6 reactors and resist temperatures of up to 1000°F (538°C). Made of high-quality insulation wool covered with Robco 2060 Silica based glass fiber textile that resists most Acids, Alkalis and Solvents. Leachables chlorides meets requirements of MIL-1-24244B. Completely asbestos free, the panels are bound together with Velcro Hi-Garde® Brand fastener, the ultimate heat resistant and flame resistant fastener. Used in nuclear reactors, these fasteners are made entirely out of 100% stainless steel.

### CANDU 6 Reactor Assembly



1. CALANDRIA
2. CALANDRIA END SHIELD
3. REMOVABLE INSULATION PANELS
4. SHUT-OFF and CONTACT PODS
5. POISON INJECTION
6. FUEL CHANNEL ASSEMBLIES
7. FEEDER PIPES
8. VAULT

PRODIMAX Custom-made  
Removable & Reusable  
Insulation Covers



*From the CNSC - CANDU  
Fundamentals Training  
Course:*

**11.7.2 The Reactor Face**  
...Removable panels of  
thermal insulation are  
placed over the end  
shields. The end fittings  
stick through the insula-  
tion for fuelling machine  
access.

- Protects personnel from heat while allowing easy access
- Quick-disconnect fastener, for toolless installation and removal
- Long service life, top-quality materials and fabrication

- Thermal Resistance: to 1000°F (538°C)
- Chemical Resistance: 0 to 14 pH
- Meet UL and ULC norms & other specifications



**Prodimax removable thermal insulation panels are in use on the Candu 6 reactor of the GENTILLY-2 Nuclear generating station located in Bécancour, Québec., Canada.**