

# Don't Let Reactor Pump Face Seal Failure Cause Unplanned Shutdowns



## AEGIS® Reactor Pump Protection Rings Prevent Electrostatic Face Seal Erosion

### PROBLEM:

Stray voltages on cooling pump shafts can electrically damage reactor pump face seals, allowing uncontrolled release of radioactive cooling water.

### SOLUTION:

By safely channeling stray currents to ground, AEGIS® Reactor Pump Protection Rings (RPPR) prevent electrostatic erosion and electrochemical corrosion of face seals and help ensure that reactors stay up and running safely.

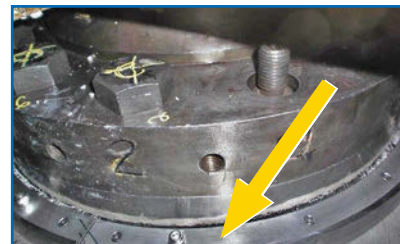
**Installed at 7 nuclear plants in the United States and Europe,** AEGIS® RPPR Rings have proved effective in protecting reactor pump face seals from electrostatic damage.

To download a white paper or to schedule a **Lunch & Learn** on the use of AEGIS® Rings to protect reactor pump face seals, visit:

[www.est-aegis.com/RPPR](http://www.est-aegis.com/RPPR)



*Face seal damage (above) caused by electrostatic erosion. AEGIS® RPPR (below) installed on a reactor recirculating pump.*



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