



Update on In-Service Inspections of Stainless Steel Dry Storage Canisters

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**NEI-NRC Meeting on Spent Fuel Dry Storage Cask Material
Degradation**
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Diablo Canyon



Pacific
Ocean

Diablo Canyon Canister Inspection

- Inspect 2 canisters
 - Range from 2 to 3.5 years in service
 - 15 to 20 kW at time of loading
 - Directly facing water (unobstructed) until recently
- Follow similar process as Hope Creek



Diablo Canyon Canister Inspection

- Completed 1/16/14
- Preliminary results
 - Thermal
 - Measured temperatures ranged from 49°C (120°F) to 118°C (245°F)
 - Calculated temperatures ranged from 60°C (140°F) to 105°C (221°F)
 - Lid - measured temperatures ranged from 87°C (188°F) to 97°C (207°F)
 - Samples
 - No results yet
- Comprehensive EPRI report will be published September 2014