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
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