

# Decommissioning Plant Coalition Views Regarding Consolidated Interim Storage

NRC Division of Spent Fuel Management  
Regulatory Information Conference  
March 8-10, 2016

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## Background on the DPC

› Formed in 2001

Original members:

- Maine Yankee, Yankee Rowe, Connecticut Yankee, LaCrosse, and Rancho Seco.

› Additional members:

- Humboldt Bay, Exelon (Zion), San Onofre, Vermont Yankee and Crystal River. Big Rock Point has been a participant.

› Maintains contact with:

- All permanently shutdown plants
- Nuclear Energy Institute
- Nuclear Regulatory Commission
- National Association of Regulatory Utility Commissioners
- Nuclear Waste Strategy Coalition

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## U.S. Sites



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## Utility Inventory of Spent Fuel

### 11 Permanent Shutdowns<sup>1</sup>

Maine Yankee	542
Yankee Rowe	127
Connecticut Yankee	412
Humboldt Bay	29
Big Rock	58
Rancho Seco	228
Trojan	359
LaCrosse	38
Zion	1019
Crystal River	584
Kewaunee	513
San Onofre	1609
Vermont Yankee	1197
Oyster Creek <sup>3</sup>	809

Total Spent Nuclear Fuel 7524 MTHM<sup>2</sup>

1. Preliminary Evaluation of Removing Spent Nuclear Fuel from Shutdown Sites - October 2014 Revision, DOE/NE

2. Rounded totals - metric tonne of heavy metal (MTHM).

3. Estimate based on projected shut-down date in 2019.

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## Our Chief Aims

- ▶ Accelerate federal government's removal of spent fuel from our sites pursuant to its contractual obligations
- ▶ Secure a pilot project for Consolidated Interim Storage (CIS) for spent fuel from permanently shutdown sites
- ▶ Continue progress toward a repository at Yucca Mountain
- ▶ Ensure NRC regulation of our sites is based on solid assessment of risk

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## California Perspective

- ▶ Charged political atmosphere wanting fuels removed
  - Engaged Non-governmental Organizations
  - Local and state government pursuing new funding for EP Programs
- ▶ Transportation of spent fuel through California Politically Unacceptable
  - Opposition to Yucca from CA delegation was partially based on transportation through Southern California
- ▶ Ongoing storage, cost recovery and ISFSI licensing are complex issues



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## Support for CIS Pilot Project\*

- ▶ DPC has supported a CIS pilot project since 2001
- ▶ Pilot project is consistent with findings of Blue Ribbon Commission
- ▶ Responsibly addressing the permanently shut-down sites is a fiscal and management imperative
  - Could reduce government's liability for breach of contract
  - Reduces need for local resources for oversight
  - Returns land to productive use more quickly
- ▶ CIS pilot project should move forward independently of Yucca Mountain

\*It is not the DPC's intent to change existing DOE spent fuel acceptance queue order used for purposes of spent fuel damages calculations

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## Summary Thoughts

- ▶ Long term storage of spent fuel at decommissioned reactor sites is not the solution
- ▶ A permanent repository is needed, but is a political issue with no near term solution
- ▶ Development of an interim storage facility(ies) is the responsible near-term solution to a long-term problem

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