

# ***Workshop Overview***

***Steve Marschman***

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## ***Workshop Objectives***

- Used fuel is going to be stored for a long time. There is a need to develop the technical bases:
  - to support the continued safe and secure storage of used nuclear fuel
  - for retrieval of used fuel after extended storage
  - for transport of used fuel after extended storage
- The data to develop these technical bases will come from many types of tests and analyses. In particular is a need to perform a large-scale dry storage demonstration for high burnup used fuel similar to the demonstration conducted in Idaho for low burnup used fuel.
  - Consensus exists among industry, DOE and the UFD Campaign, NRC, NWTRB, BRC, and others, on the need for a demonstration.
- This workshop will be used to help establish the integrated strategy for a used fuel demonstration program that can and will be implemented.

## ***Workshop Topics***

- An update of the DOE Used Fuel Disposition Campaign progress and plans for storage and transportation, led by Ken Sorenson
- A perspective from the NRC on the needs for, and expectations of, a dry storage demonstration with discussion led by Bob Einziger
- A perspective from NEI, representing industry, on the need for a dry storage demonstration, with Rod McCullum leading the discussion
- A discussion of the data that should or must be obtained from a demonstration with discussion led by Brady Hanson
- An overview of DOE's investment in a program to plan and implement a dry storage demonstration led by Steve Marschman and Randy Bohachek
- A discussion of the logistics issues associated with a demonstration lead by John Kessler
- A discussion led by David Pstrak of the NRC to help us determine approaches to resolving licensing issues that will arise in a demonstration.
- Ken Sorenson will lead a discussion addressing the uncertainties and vulnerabilities associated with a large program like the demonstration
- We will have a first day wrap-up and last day summary led by Carl Beyer.
- We will have a tour of an operating facility that may be useful for handling bolted-lid dry storage casks.

## ***Important Notes***

- In this room we are all friends working for a common outcome, the sustainment of nuclear power.
  - Respect opposing viewpoints
  - Realize if people didn't care, they wouldn't be here
- By providing funds for an execution plan, the DOE is focusing attention and resources on the performance of a dry storage demonstration.
  - The DOE has sponsored this meeting, and we thank them
- We also want to thank all participants for your continued commitment
- We have technical note takers for the meeting and we will post those notes after the meeting for use by the meeting attendees. We will also make available the presentations in a similar manner.
- Safety Share
- Safety Information for this workshop