



**U.S. DEPARTMENT OF
ENERGY**

Nuclear Energy

Used Fuel Disposition Campaign Working Group Meeting

**Deep Borehole Field Test
Overview and Status**

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**Las Vegas, Nevada
June 8, 2016**

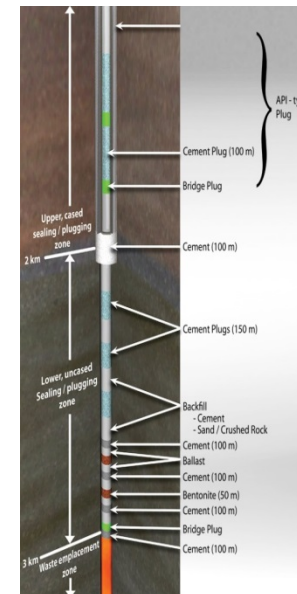
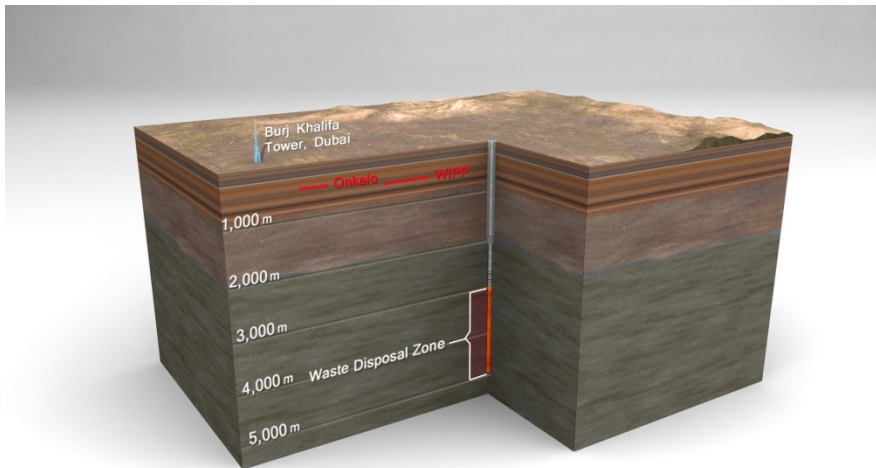


Deep Borehole Disposal Concept

Improving Scientific Understanding with a Field Test

- DOE's proposed Deep Borehole field test is the next logical step in evaluating the DBH concept and is part of the Department's cross cut in subsurface research.

- No radioactive waste will be used during the field test



■ The DBH Field Test will:

- Demonstrate the feasibility of characterizing and engineering deep boreholes
- Demonstrate safe processes and operations for safe waste emplacement downhole



DBFT Procurement History

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- **Request for Information (RFI) solicited input and interest from States, local communities, individuals, private groups, academia, or any other stakeholders who were willing to host a Deep Borehole Field Test**
 - Posted via Federal Business Opportunities (FedBizOps, www.fbo.gov) on October 24, 2014
 - Responses received on December 8, 2014 (45 days)
 - **Sources Sought and Draft Request For Proposal (RFP)**
 - Posted on FedBizOps on April 7, 2015
 - Feedback received on May 5, 2015
 - **Final RFP (Solicitation Number DE-SOL-0008071)**
 - Pre-solicitation notice posted on June 22, 2015
 - Final RFP posted on FedBizOps on July 9, 2015
 - Proposals due and received September 23, 2015
 - Contract awarded to Battelle team on January 5, 2016



DBFT Current Status

- **Pierce County, North Dakota (near Rugby, ND)**
 - DOE Press Release – Jan. 5, 2016
 - Public Meeting – Feb. 16, 2016
 - Local concern that the DBFT would lead to subsequent disposal at the same site
 - Pierce County Commission
 - Passed a temporary moratorium on deep drilling – Feb. 2, 2016
 - Letter requesting DOE cease consideration of DBFT in Pierce County – Mar. 1, 2016
- **Spink County, South Dakota (near Redfield, SD)**
 - DOE-Battelle Media Advisory – Apr. 25, 2016
 - Public Meetings – Apr. 27, 28, May 11, 2016
 - DOE-Battelle continue to work with Spink County Commission and local community
- **Other locations may be considered**