

北米レビューワークショップ 議事録及び説明用資料

核燃料サイクル開発機構

本資料は、地層処分研究開発第2次取りまとめ第2ドラフトの作成にあたり、第2ドラフトの3つの分冊の技術的内容に関して、米国及びカナダの研究機関の専門家によるレビューを行う際に開催したワークショップの議事録と、各担当者が口答説明を行ううえで補助的に使用したOHPのコピーをまとめたものである。

平成11年4月21日に原子力委員会原子力バックエンド対策専門部会に報告した第2次取りまとめ第2ドラフトは、このワークショップによるレビュー結果等も考慮して作成しており、本資料に示すOHPの内容とは異なっている部分がある。また、最終報告に向けて、未確定の記述やデータおよび試算も含まれているので、その点ご注意ください。

Workshop Proceedings
Review Workshop on Draft JNC's Second Progress Report of R&D
Activities for HLW

7~9 April, 1999

Lawrence Berkeley National Laboratory

Preface

B. Bodvarsson

International collaboration in the development of geologic repositories for high-level nuclear waste is essential for the evaluation of siting issues and for the long-term safety of such repositories. The Japan Nuclear Cycle Development Institute (JNC) has just completed a draft of the Second Progress Report, describing comprehensive total system evaluations of their program on nuclear waste disposal. A Workshop was held at E.O. Lawrence Berkeley National Laboratory where JNC personnel presented the major aspects of the Second Progress Report. The participating organizations (AECL, Duke, LBNL, LANL, LLNL, PNNL, SNL, and UCB)* were pleased to participate in this meeting. It should be noted that there was very limited time available to review these comprehensive documents prior to the meeting. Thus, the following meeting notes mostly reflect comments made during the meeting in response to the material presented by JNC personnel. However, Within the short period available for reviewers to evaluate the H12 documents and presentation material, the group opinion was that JNC and associated Japanese organizations have produced a viable assessment of the technical reliability of geological high-level waste disposal in Japan. It is hoped that these comments will be of use to JNC, and the participants thank JNC for the opportunity to attend and contribute to this Workshop.

* AECL: Atomic Energy of Canada Limited
Duke: Duke Environmental & Engineering
LBNL: Lawrence Berkeley National Laboratory
LANL: Los Alamos National Laboratory
LLNL: Lawrence Livermore National Laboratory
PNNL: Pacific Northwest National Laboratories
SNL: Sandia National Laboratories
UCB: University of California Berkeley

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