

Lawrence Livermore National Laboratory

NUCLEAR SYSTEMS SAFETY PROGRAM

WM DOCKET CONTROL CENTER
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WM Record File

WM Project

Docket No.

PDR

LPR

Dr. Phil S. Justus, Section Leader
Geology/Geophysics Section, MS-623ss
Geotechnical Branch
Division of Waste Management/ONMSS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Distribution:

(Return to W.M. 623-SS)

SUBJECT: Draft Site Technical Position on the Gibson Dome Waste Isolation Project Site

REFERENCE: NRC FIN A0294, "Technical Assistance in Seismo-Tectonic Impacts in Repositories"

Dear Dr. Justus:

The purpose of this letter is to transmit two (2) copies of our draft Site Technical Position (STP) report on geological stability issues for the Gibson Dome Waste Isolation Project Site, Paradox Basin, Utah. The draft STP report was requested by you on April 26, 1984.

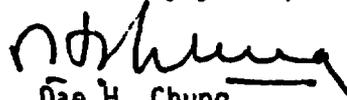
The draft STP report has been prepared under the following sub-headings:

- o Geology (12 questions)
- o Seismicity (9 questions)
- o Stresses (2 questions)
- o Igneous Activity (One question)
- o Tectonics (7 questions)
- o Salt Migration/Dissolution (6 questions)
- o Human-Induced Changes (9 questions)

We plan to finalize this draft report by July/August 1984 for your consideration for transmittal to the Department of Energy (DOE). It is essential that the DOE and their contractors have sufficient time for studying the questions (issues) in the STP prior to any workshop meeting in the future.

If you have any questions, please let me know.

Sincerely yours,


Dae H. Chung
Project Manager

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PDR WMRES EXILL
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DHC/ic
cc: K. B. Westbrook, WMG