



Department of Energy
Washington, DC 20585

JAN 23 1989

Mr. John J. Linehan, Director
Repository Licensing and Quality
Assurance Directorate
Division of High-Level
Waste Management
Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Linehan:

This letter is to notify you that in accordance with our earlier discussions, we are providing under separate cover a copy on magnetic tape of the Site Characterization Plan (SCP) for the Yucca Mountain Site. Hardcopy of this document was formally transmitted to NRC on December 28, 1988. As requested, the text is provided on tape as a number of ASCII text files. Note that Tables and Figures occurring in the hardcopy of the Site Characterization Plan are not included on the magnetic media.

Questions regarding this correspondence should be directed to myself at 586-1462.

Sincerely,

Gordon Appel, Chief
Licensing Branch
Office of Systems Integration
and Regulations

cc:
B.J. Youngblood, NRC
R. Loux, State of Nevada
D. Bechtel, Clark County Nevada
S. Bradhurst, Nye County Nevada
M. Baughman, Lincoln County Nevada

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Sincerely,

A handwritten signature in cursive script that reads "Gordon Appel".

Gordon Appel, Chief
Licensing Branch
Office of Systems Integration
and Regulations

CC:

B.J. Youngblood, NRC
R. Loux, State of Nevada
D. Bechtel, Clark County Nevada
S. Bradhurst, Nye County Nevada
M. Baughman, Lincoln County Nevada

NRC

To: Jim Blanton
From: SAIC ISD
Subject: Information Necessary for Foreign Tapes

The files on this tape contain ASCII text of the SCP. Please note tables and figures are not included. Inspection of the bibliography files (SCPBIB1-10) will show a few underlines in the text. The characters are vestiges of printer control characters.

Tapes other than VMS Backup format require specific information to read them correctly. The following is a summary of information necessary to read a tape:

- 1) Density = 6250
- 2) Record size = 80
- 3) Blocking factor = 25
- 4) Blocksize = 2000
- 5) Number of files = 136
- 6) Size of files = Changed when writing tape
- 7) ACSII or EBSIDIC = ASCII
- 8) A short summary of file contents to allow inspection for correctness.

Items 1,2,3,4 and 7 are essential to read or write a tape the others make the process easier.

To write a tape for export to another machine. It will help to know the type of machine the data is to be sent to. Usually it is our decision in writing the tape to set parameters just as long we inform the party reading the tape.

Data to be sent outside of the project must be approved by management.

Definitions:

Block size = Recordsize * Blocking_factor
Recordsize = Number of bytes to a record
Blocking_factor = Number of records in a block
Blocksize = Number of bytes to a block

In the equation for block size calculation there are three unknowns, We need at least two given to read a tape. The information must be given for each file on the tape if any of the parameters change.

Notes:

ANSI Standards
Block Sizes: 18 - 2048 Bytes
Record Size: 1 - 2048 Bytes
Block size should be a multiple of record size

Tape manifest:

000README.DAT;1
10.DAT;1
1311.DAT;1
14.DAT;1
140.DAT;1
150.DAT;1
16.DAT;1
164.DAT;1
165.DAT;1
172.DAT;1
303.DAT;1
371.DAT;1
374.DAT;1
392.DAT;1
393.DAT;1
394.DAT;1
4174.DAT;1
52.DAT;1
60.DAT;1
612.DAT;1
613.DAT;1
616.DAT;1
623.DAT;1
625.DAT;1
627.DAT;1
629.DAT;1
642.DAT;1
644.DAT;1
647.DAT;1
649.DAT;1
661.DAT;1
70.DAT;1
73.DAT;1
733.DAT;1
742.DAT;1
7421.DAT;1
743.DAT;1
80.DAT;1
81.DAT;1
82.DAT;1
83.DAT;1
831.DAT;1
8311.DAT;1
83110.DAT;1
83111.DAT;1
83112.DAT;1
83113.DAT;1

83114.DAT;1
83115.DAT;1
83116.DAT;1
83117.DAT;1
831174.DAT;1
8312.DAT;1
83121.DAT;1
83122.DAT;1
831224.DAT;1
8312243.DAT;1
8312245.DAT;1
831226.DAT;1
8313.DAT;1
83135.DAT;1
8314.DAT;1
8315.DAT;1
8316.DAT;1
8317.DAT;1
8318.DAT;1
8319.DAT;1
832.DAT;1
8321.DAT;1
8322.DAT;1
8323.DAT;1
8324.DAT;1
8325.DAT;1
833.DAT;1
8332.DAT;1
834.DAT;1
8341.DAT;1
8342.DAT;1
8343.DAT;1
8344.DAT;1
835.DAT;1
8351.DAT;1
83510.DAT;1
83511.DAT;1
83512.DAT;1
83513A.DAT;1
83513B.DAT;1
83514.DAT;1
83516.DAT;1
83517.DAT;1
83518.DAT;1
83519.DAT;1
8352.DAT;1
8353.DAT;1

8354.DAT;1
8355.DAT;1
8356.DAT;1
8357.DAT;1
8358.DAT;1
8359.DAT;1
83592.DAT;1
84.DAT;1
8422.DAT;1
84231.DAT;1
84234.DAT;1
843.DAT;1
85.DAT;1
86.DAT;1
87.DAT;1
DOCOR.DAT;1
FIG8314.DAT;1
FORE.DAT;1
GLOS1.DAT;1
GLOS2.DAT;1
PARTA.DAT;1
PREFACE.DAT;1
SCP BIB1.DAT;1
SCP BIB10.DAT;1
SCP BIB2.DAT;1
SCP BIB3.DAT;1
SCP BIB4.DAT;1
SCP BIB5.DAT;1
SCP BIB6.DAT;1
SCP BIB7.DAT;1
SCP BIB8.DAT;1
SCP BIB9.DAT;1
TAB8314.DAT;1
TOC8314.DAT;1
VOL1.DAT;1
VOL2.DAT;1
VOL3.DAT;1
VOL4.DAT;1
VOL5.DAT;1
VOL6.DAT;1
VOL7.DAT;1
VOL8.DAT;1

Total of 136 files.