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To: M. Nataraja, NMSS, NRC
From: J. Daemen *JD*
Re: Draft GTP on Design Information Needs in the SCP
Date: 12-12-84

WM ES
WM Record File
A-1755
SNC

WM Project *10, 11, 16*
Docket No. _____
PDR _____
LPDR *B, N, S*

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NATARAJA

(Return to WM, 623-SS)

The Draft GTP states the NRC position completely, accurately, and clearly, and will be practically useful to DOE and to SCP writers. It is particularly useful to have a concise summary of the Public Law and Regulatory Framework.

The GTP is generic and very broad in scope. It is recommended that the more detailed site specific guidance (possibly media-specific?) to be provided, according to the GTP Introduction and Summary, be provided as soon as possible.

A few detailed technical comments follow, and a list of minor editorial comments is attached.

Section 3.3

It is recommended that consideration be given to include, in addition to the requirement for "Information concerning the materials that comprise the engineered barrier system . . . their properties . . .," a requirement for information concerning the installation of such barriers. Such information is included as a requirement for shaft and borehole seal emplacement (Section 3.4), fully appropriately. It is probable that the performance of many barriers will depend strongly on successful installation procedures, at least as much as on the barrier intrinsic material properties.

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Draft GTP on Design Information Needs in the SCP
Details - editing comments.

J. Daemen - 12/12/84

Page 3, line 13, last word of Name of Regulatory Guide 4.17 reads
"Repositories," in Reference 1 reads "Repository." Same discrepancy
recurs on page 10, in first and in last paragraphs.

Page 3, line 16, omit comma after of.

Page 5, Section 3.1.2., second paragraph, change to: ". . . and present . . ."

Page 6, Section 3.5, third line, replace) by period.

Page 7, line 6, reads ". . . High-Level . . . Repositories," while
Ref. 3 reads ". . . High Level . . . Repository" .

Page 7, Section 3.6, Second paragraph: might consider adding to last sentence:
, and made available to NRC.

Page 7, Section 3.7: first sentence is unclear and confusing.

Page 13: Definition of "Uncertainties" is weak.