

AUG 05 1988

CNWRA/111/TOP-001-02 VERSION 1

- 1 -

Mr. Allen R. Whiting, Director  
Systems Engineering and Integration  
Center for Nuclear Waste Regulatory Analyses  
Post Office Drawer 28510  
6220 Culebra Road  
San Antonio, Texas 78284

Subject: Preliminary Comments on Technical Operating Procedure  
(TOP)-001-02 -- Program Architecture Relational Database  
Work Instruction

Dear Mr. Whiting:

Division of High-level Waste Management staff have reviewed the subject document (dated July 26, 1988) and based on their review have produced some general comments and suggestions. Joe Bunting and Mike Lee discussed with you the essence of the staff review over the phone on the 4th and 5th of August (summary enclosed) and expressed their general satisfaction with the quality of the effort to date.

In summary, our comments have focussed on improving NRC's understanding of the definition and content of PASS data fields and their overall use within the relational database. For example, we generally understand that although this TOP provides guidance on all 22 WSE&I process steps, the principal focus is only on the first 15. Based on this understanding, we can expect that this TOP will be periodically revised as the need dictates. Furthermore, we understand that additional revisions will be shortly forthcoming to define NRC's "technical program" (and attendant data requirements), which was previously alluded to by the final glossary of terms and logic diagram for Program Architecture-related concepts (July 16, 1988); but not defined then or now.

Once again I wish to complement you on a job well-done and advise you that we would be pleased to review and comment on any revisions to this TOP that will be forthcoming.

Best Regards,

**Original Signed by**

Philip M. Altomare  
Program Element Manager, WSE&I  
Systems Engineering and Evaluation  
Branch

Enclosure: As stated

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MEMORANDUM FOR: Mr. Allen R. Whiting, Director  
 Systems Engineering and Integration  
 Center for Nuclear Waste Regulatory Analyses  
 Post Office Drawer 28510  
 6220 Culebra Road  
 San Antonio, Texas 78284

FROM: Philip M. Altomare  
 Program Element Manager, WSE&I  
 Systems Engineering and Evaluation Branch

SUBJECT: Preliminary Comments on Technical Operating Procedure  
 (TOP)-001-02 -- Program Architecture Relational Database  
 Work Instruction

DATE: **AUG 05 1980**

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AUG 05 1988

TOP 001-02 TOPICS

- 1 -

DISCUSSION POINTS REGARDING TOP-001-02

General Comments

1. Field order -- The field order depicted by the TOP is random; the order is not binding on the format for how PASS reports are to be generated.
2. Data field adequacy -- Not all of the concepts and process blocks have been represented (for example, TECHNICAL PROGRAM and RECOMMENDED NRC PROGRAM). These will have to be developed when the need dictates.
4. Integration activities -- These activities can be differentiated from basic data in PASS (e.g. data fields 17, 18, 19, 20, 25, 26, 28, 36, 37, 41, 42, 46, 47, 48, 49, 50, 51)

Specific Comments

Field(s) --

8, 17, 19, 23,  
25, 28, 36, 38,  
41, 48

The LSS is developing a "controlled vocabulary" as a thesaurus for key words. Do we want to be consistent with it? We should get the Center a copy for their consideration.

10

Many of the requirements have standing applicability throughout the program once they are introduced. We should be focusing on the timing of decisions regarding individual requirements and how they might impact on the so-called "production schedule" for the repository (see field # 22).

13, 14

What about essential and support expertise defined as part of NRC's "technical program?" These will be defined and the necessary data fields created.

16

This data field is the same as a "reference."

18

There are requirements for which NRC must comply. The discussion should be modified to reflect this. Furthermore, we should consider re-visiting this and other definitions, as necessary, following the EOP workshop.

21

In this data field, we can distinguish between NRC and non-NRC regulations that are incorporated by reference in an NRC regulation.

24

The QA requirement should be a standing, not temporary requirement. Retirement does not mean deletion.

AUG 05 1988

TOP 001-02 TOPICS

- 2 -

- 33 This field is unique for the purposes of the accelerated PA development.
- 35 Uncertainty questions are not always NRC's. We need to determine which DOE's uncertainty questions are appropriate.
- 39 NRC is not always the source of uncertainty.