

HLPD/5/30/90

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JUN 14 1990

Mr. Ted Romine  
 Center for Nuclear Waste Regulatory Analyses  
 Southwest Research Institute  
 6220 Culebra Road  
 San Antonio, Texas 78228-0510

SUBJECT: TECHNICAL OPERATING PROCEDURE (TOP) 001-05, DECISION  
 ANALYSIS BY ATTRIBUTES

Dear Mr. Romine:

The following comments are provided on the subject TOP. These comments include those discussed in our May 26, 1990 meeting in Rockville, Maryland.

- The TOP should have an applicability section added the section should clearly indicate that the multiple scale, complex attribute analysis is not always required, i.e., the simple selection criteria decision use of attributes is frequently used.
- It should be noted that the TOP in general and the example in particular are for the more complex decision analysis approach and this level of detail may not always be required.
- The TOP should include a discussion of the simple selection criteria decision concept.
- The single decision (go, no-go) ranking should be included in Section 4.6 as a decision criteria using attributes.
- Suggest the following be inserted at the first bullet under Section 2.1; "To provide a basis for decision making, i.e.,---."
- Suggest adding the following underlined in the first sentence of Section 2.6; "Decision Analyst are the individual or individuals --."
- Suggest adding the following as the first numbered item in Section 4; "1. Initial development and acceptance of approach."
- On page 14 of the TOP, it is noted that there are three lower-level objectives in the example rather than the two stated (the example was not checked in detail).

I apologize for the delay in preparing our comments, but the meeting of May 1990 was most important in reaching an understanding of the role of attributes in decision making.

The action taken by this Technical Direction is considered to be within the scope of the current contract NRC-02-88-005. No changes to cost or delivery

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of contracted services and products are authorized. Please notify me immediately if you believe that this Direction would result in changes to cost or delivery of contracted services or products.

Sincerely



Philip M. Altomare, Program  
Element Manager, WSE&I

cc: A. Whiting, CNWRA  
S. Mearse, CAB  
S. Fortuna, PMDA  
B. Stiltenpole, PMDA

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