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SLIM-MAUD: AN APPROACH  
TO ASSESSING HUMAN ERROR PROBABILITIES  
USING STRUCTURED EXPERT JUDGMENT

VOLUME II: DETAILED ANALYSIS OF THE TECHICAL ISSUES

D.E. Embrey, P. Humphreys, E.A. Rosa, B. Kirwan and K. Rea  
for the U.S. Nuclear Regulatory Commission.

Department of Nuclear Energy, Brookhaven National Laboratory  
Upton, Long Island, New York 11973

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1. P. xi. The following sentence should appear at the bottom of the page:  
"Work was carried out under the auspices of the U.S. Nuclear Regulatory Commission."
2. P. 2. The fourth line of Section 1.2 should reference Section 1.14, not Section 1.12.
3. P. 9. The correct version of the equation presented in Section 1.6.4 should be:

$$SLI_j = \sum W_i \cdot R_{ij}$$

4. P. 10. The correct version of the calibration equation presented in Section 1.6.5 should be:

$$\log P = a \text{ SLI} + b$$

where:

P = probability of success (or failure) and  
a and b are empirically derived constants.

Insert the following paragraph at the end of Section 1.6.5.

"Either the success or failure forms of the calibration equation can validly be used. In order to be consistent with other techniques using a logarithmic calibration, such as the paired comparison technique (Seaver and Stillwell, 1983), the form  $\log \text{HEP} = a \text{ SLI} + b$  is the preferred convention."

5. P. 13. The correct version of the calibration equation presented in Section 1.10.1 should be:

$$\log \text{HEP} = a \text{ SLI} + b$$

6. P. 20. The equation of the form:

$$u_i(x_{ij}) = \lambda_i [g_i(x_{ij})] \text{ where } \lambda_i = 1.$$

This should read:

$$U_i(x_{ij}) = \lambda_i [g_i(x_{ij})]$$

where

$$\sum \lambda_i = 1.$$

7. P. 23. Equation (3) in Section 1.11.8 should be:

$$\log P_j = a \text{ SLI}_j + c - \log R$$

8. P. 89. The second scale in frame 66 should be:

POOR PROCEDURES

GOOD PROCEDURES

|.....|.....|.....|.....|.....|..X..|.....|.....|

9. P. D-1. The first sentence of the second paragraph should end "...200 pounds sterling." not "...500 pounds sterling\* ... for teaching and research purposes only)." Also delete footnote.

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ADM-DIV OF TIDC  
POLICY & PUB MGT BR-PDR NUREG  
W-501  
WASHINGTON DC 20555