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TO: All holders of DOE/ID-10175-5, Weld Evaluation Project Suitability for Service Evaluation Engineering Process

FROM: Department of Energy, Weld Evaluation Project TVA Watts Bar Nuclear Plant Unit 1

ERRATA

Please make the following corrections to your copy of DOE/ID-10175-5

Page 4

Second column, 4th paragraph, 2nd line; add "by TVA" after "determined"

Page 5

- (a) First column, 1st line; delete "were acceptable"
- (b) Second column, 1st line; replace "liquid penetrant" with "nondestructive"
- (c) Second column, 2nd line; insert "(NDE)" between "examination" and "."; replace "liquid penetrant" with "NDE"
- (d) Second column, 8th line; change "the masking" to "its masking"
- (e) Second column, delete last sentence "Weld areas...determined" and replace with "For those welds exhibiting surface slag, slag was removed to determine the underlying weld quality."

Page 6

- (a) First column, 4th paragraph, 2nd line; delete "civil"
- (b) Second column, last paragraph, 2nd line; delete "civil"

Page 8

- (a) First column, 3rd line; delete "civil"
- (b) First column, 3rd paragraph, last line; change "Section 3" to "Section 5"

Page 12

Second column, Subsection 5.1.3, 2nd line; delete "civil"

Page 13

Second column, Subsection 5.2.1, 2nd paragraph, 12th line; replace "equations must be modified to account for" with "analysis must take into account"

Page 14

Second column, last paragraph; replace paragraph "A detailed...corrective action." with "A detailed procedure for accomplishing such an evaluation is contained in Appendix D. The results of this evaluation determined if the piping and lug would perform its intended safety function for all

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design loading conditions without compromising the pipe pressure boundary. This analysis was not used for the disposition of ASME Code weld deviations not meeting the examination requirements of Article NX-5000, as components with these deviations cannot be dispositioned suitable for service without corrective action. For ANSI B31.1 piping lug evaluations, this procedure was technically adequate to conservatively evaluate all ANSI B31.1 piping integral lug weld deviations."