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Mail Stop 9D4
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: ABB Circuit Breaker Lubrication

Reference: ABB Power Distribution, Inc. letter of March 21, 1989 (copy enclosed)

This letter is to provide additional information to that provided in the referenced letter.

In performing refurbishment activities on circuit breakers during the past few months, ABB has found that the condition of the lubricant (i.e., the extent of hardening and contamination) cannot easily be determined without complete disassembly of the breaker mechanism. This is due to the fact that some of the mechanism components requiring lubrication are not visible or accessible for inspection without completely disassembling the mechanism of the breaker.

Based on our experience, it is the recommendation of ABB that breakers be completely disassembled to the component level in order to effectively evaluate the condition of the lubricants. Based on the results of the evaluation of the condition of the lubricants, the breaker should then be relubricated as needed.

If further information regarding this issue is needed, please contact me at:

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