

Walter Haas

Subject: Potential 10 CFR Part 21 Report

On 11/30/92, Mr. Bill Johnson, Quality Assurance Manager, ABB Low Voltage Switchgear, located in Sanford, Florida, called to inform the NRC of a potential 10 CFR Part 21 defect. The defect concerns all 600 Volt, K-Line metalclad circuit breakers manufactured by ABB. During recent tests, the arc chutes failed to meet ANSI C-37.50 test criteria. Specifically, the arc chutes of the circuit breaker failed at 635 Volts (V), 74 kilo Amperes (kA) single phase instead of 635 V and 85 kA, but the arc chutes passed the three phase 635 V, 85 kA test.

It may be recalled the ITE Corporation performed the initial design and qualification of the circuit breaker a while ago. During the past years, the ownership was transferred from ITE to ITE-Imperial to ITE/Gould to ITE/Gould/Brown Boveri to the current ABB. During the years, the QA manager believes that there may have been a number of design design modifications to the circuit breaker.

ABB is investigating the defect. This was a verbal notification. A written notification will follow.

Kamal Naidu  
November 30, 1992