



ATTACHMENT

Docket No. 50-247

Consolidated Edison Co. of N.Y., Inc.

LER-80-009/03L-0

Indian Point Unit No. 2

Following a manual plant shutdown to repair a main turbine oil cooler leak, an engineering safeguards sequence was initiated automatically by means of a false signal from the protection circuitry provided to detect a steam line break. This signal caused startup of the three emergency diesel generators.

An apparent premature operation of the series over current tripping device associated with the Westinghouse type DB-75 normal feed breaker for 480 V Bus Section 6A caused the automatic opening of the normal feed breaker and the actuation of the bus lockout relay. The resultant undervoltage condition on Bus 6A, in conjunction with the previously discussed safety injection signal, caused the opening of the remaining 480 V Bus Section normal feed breakers and the generation of an automatic tie in signal to the emergency diesel generators. Nos. 21 and 22 Emergency Diesel Generators automatically tied in to their associated 480 V Bus Sections as required. Emergency Diesel Generator No. 23 was prevented from tying in due to actuation of the lockout relay on 480 V Bus Section 6A. Following manual reset of this lockout relay, No. 23 Emergency Diesel Generator tied in and assumed the load on the bus section.

The operation of the subject breaker has been determined to be attributable to a defective "B" phase over current tripping device. The over current device has been replaced and tested satisfactorily and the breaker returned to normal service.