# SUBJECT

S W I T C H G E A R O P E R A T I O N

SERVICE ADVICE

AKRU 30S AND AKU 25 BREAKER OPEN FUSE LOCKOUT (OFLO) TRIP PADDLE REPLACEMENT

TAB 073B SWGR OPER

SA NO. 301.0

## Backround

The function of the Open Fuse Lockout (OFLO) device is to trip and prevent closing of the breaker when one or more of the breaker-mounted fuses is blown.

#### **Problem**

On certain AKRU 30S and AKU 25 (AKU 25-1) breakers there is a possibility that as the OFLO functions to open the breaker the trip collar will override the trip paddle, allowing the breaker to close before the OFLO is reset. After the blown fuse is replaced and the breaker put back into service, if another fuse blows the OFLO device will not open the breaker. This will subject the load to single phase operation.

Factory tests have shown that this could occur on about two percent (2%) of the affected breakers. This failure mode is more likely if more than one fuse blows at the same time or if the OFLO is cross phase wired.

### Equipment Affected

This failure could occur in AKRU 30S breakers built prior to April 27, 1987 [Breaker Code Date less than P718+] and in AKU 25 [AKU 25-1] breakers built between December 1985 and April 27, 1987 [Breaker Date Code P548+ through P718+]. The Breaker Code Date is on the control voltage nameplate located to the right of the escutcheon on the breaker frame.

#### Corrective Action

A no charge Field Replacement Kit  $[P/N\ 0201C9006G001]$  containing instructions and a redesigned trip paddle is available to correct this problem in the field.

To order the Field Replacement Kit contact :

Mary Hockett Phone: (319) 753-8475
Customer Service 8\*673-6475
General Electric Telecopier: (319) 753-8479
PO Box 488 8\*673-6479
Burlington, IA 52601

Please have <u>Breaker Serial Numbers</u> and <u>Date Codes</u> when you contact us.

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