



HARRIS

SERVICE BULLETIN

Equipment: MW-5/5A/5B
MW-10/10A/10B

Bulletin No. AM-171-TLH
Date August 1983

SAFETY MODIFICATION

SUBJECT: Protection for T4, the High Voltage Supply Transformer.

In a continuing effort to make the operation of your transmitter as safe and reliable as possible, Harris is providing a protection kit for the high voltage power supply transformer.

The problem which is being protected against is one of intense localized heating. There are three conditions in which the high voltage transformer could experience this problem.

- 1) Open Rectifier.
- 2) Open Secondary Wiring.
- 3) Shorted Secondary Turns.

If given adequate time operating in any of these unbalanced conditions, the internal temperature could rise to the flash point of the transformer.

The protection kit will shut the transmitter off within milliseconds after a fault occurs.

To protect the transmitter against damage from a potential transformer fire, install the protection kit as soon as possible. When completed, fill out and mail the attached confirmation sheet.

Should you have any questions relative to the above material, please direct your inquiries to:

Harris Corporation
Radio Field Service
P. O. Box 4290
Quincy, IL 62305
Telephone: 217-222-8200

lkh
0051Y