



SERVICE LETTER

Equipment Type(s): Radar Receiver-Transmitters that contain Magnetron tubes
Radar Indicators that contain Cathode Ray Tubes (CRT)

Subject: Periodic Maintenance of products that contain vacuum tubes

Issue:

When any tube is stored for a time greater than 6 months, the vacuum seal will leak a very small amount of atmosphere into the tube. This small leakage will increase over time, so that after one year or more, there may be enough atmosphere leaks into the tube to cause internal arcing when the tube is turned on. This internal arcing may damage the tube. If a very small amount of atmosphere has leaked into the tube (6 months or less), then the tube will not arc and "burn off" the atmosphere.

Service Required:

Periodic re-energizing of Magnetron Tubes and the CRTs held in stock for longer than 6 months should be performed. The units should be placed upon a test bench and ran for a minimum of 30 minutes.

For additional information contact:

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