MEMORANDUM FOR: Ronald R. Bellamy, Chief
                  Emergency Preparedness and Radiological Protection Branch, RI
                  Douglas M. Collins, Chief
                  Emergency Preparedness and Radiological Protection Branch, RII
                  L. Robert Greger, Chief
                  Reactor Programs Branch, RIII
                  Blaine Murray, Chief
                  Radiological Protection and Safeguards Branch, RIV
                  Gregory P. Yuhas, Chief
                  Emergency Preparedness and Radiological Protection Branch, RV

FROM: LeMoine J. Cunningham, Chief
                  Radiation Protection Branch
                  Division of Radiation Protection
                    and Emergency Preparedness
                  Office of Nuclear Reactor Regulation

SUBJECT: RF INTERFERENCE WITH ALNOR MODEL RAD-85
                  DOSIMETER PERFORMANCE

Enclosed, for your information, is a notification we received from ALNOR
Nuclear Corp. pursuant to 10 CFR 21 regarding problems noted with the ALNOR
Electronic Dosimeter Model RAD-85. These RAD-85s were "failing blank" at
Braidwood. The cause of these failures was traced to the use of walkie-talkies
within 10 cm of the dosimeter.

Paragraph 15, on page 5 of the enclosure, lists corrective actions ALNOR is
taking to prevent reoccurrence of these failures. A copy of the Operations
Manual Supplement (discussed in 15.b) and a listing of RAD-85 users is also
enclosed.

Since the vendors corrective actions appear to be appropriate, RPB plans no
further generic action on this matter. However, you may want to follow-up
with your effected licensees to ensure these corrective actions are properly
implemented.

                                    Original signed by LeMoine J. Cunningham

                                    LeMoine J. Cunningham, Chief
                                    Radiation Protection Branch
                                    Division of Radiation Protection
                                      and Emergency Preparedness
                                    Office of Nuclear Reactor Regulation

Enclosure: DISTRIBUTION:
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10/26/89   10/27/89   10/23/89

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