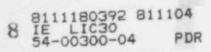
FOR INSERTION IN DIGITAL TREATMENT TIMER OPERATOR'S MANUAL EDITION 2, JANUARY 1980



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FOR

COBALT TELETHERAPY

DIGITAL TREATMENT TIMER

MODEL A102409-654

PRODUCT NUMBERS

G22-281 G7200

EDITION 3, OCTOBER 1981 AECL STOCK NO. 2M001932

A ATOMIC ENERGY OF CANADA L'AITED COMMERCIAL PRODUCTS P.O. BOX 6300, STATION J. OTTAWA, CANADA, K2A 3W3. Tel 613/592-2790 · Cable Nemoto · Telex 053-4162 This document contains information proprietary to Atomic Energy of Canada Ltd., Commercial Products (AECL CP). Any disclosure or use of this information or any reproduction of this document other than for the specific purpose for which it is intended is expressly prohibited except as AECL-CP may otherwise agree in writing.

RECORD OF REVISIONS

EDITION NO.	. ISSUE DATE	PAGE NO.
	NOTE	
	The portion of the text aff changes is indicated by a v in the outer margins of the	ertical line
1	November 1979	Original Issue
2	January 1980	3-2,3-3
3	October 1981	3-1,3-2,3-3
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SECTION 3 MAINTENANCE PROCEDURES

3.1 ROUTINE MAINTENANCE

Except for four backup batteries, the timer contains no Licensee serviceable parts. The Licensee may replace the backup batteries unless otherwise specified by the competent authority.

3.1.1 Battery Replacement

The backup batteries are critical components which, due to loss of their effectiveness with time, may limit the timer's ability to retain information during a power failure.

Backup batteries (G.E. XKCF 450 ST or KOIAllIAA GT3) must be replaced every six months, as follows:

- A. For a timer installed in the therapy unit console:
 - (1) Turn power off at main isolating switch.
 - (2) Remove console cover.
 - (3) Withdraw printed circuit board and remove batteries.
 - (4) Fit new batteries, making sure that polarity is correct, as marked on battery holder.
 - (5) Replace printed circuit board in timer.

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WARNING

ENSURE THAT BATTERY PCB IS FULLY INSERTED INTO ITS SOCKET. THE TOP OF THE PCB WILL BE LEVEL WITH OR BELOW THE TOP OF ITS GUIDE RAILS WHEN PROPERLY INSTALLED.

IF THE PCB IS NOT PROPERLY INSTALL-ED, THE TIMER MAY NOT OPERATE AND UNWANTED RADIATION MAY BE DELIVERED TO PERSONNEL.

- (6) Replace console cover.
- (7) Switch power on at main isolating switch.
- (8) When display decimal points stop flashing, perform routine test described in Section 2.7.
- B. For a timer in a stand-alone console:
 - (1) Turn power off at main isolating switch.
 - (2) Withdraw printed circuit board and remove batteries.
 - (3) Fit new batteries, making sure that polarity is correct, as marked on battery holder.
 - (4) Replace printed circuit board in timer.

WARNING

ENSURE THAT BATTERY PCB IS FULLY INSERTED INTO ITS SOCKET. THE TOP OF THE PCB WILL BE LEVEL WITH OR BELOW THE TOP OF ITS GUIDE RAILS WHEN PROPERLY INSTALLED.

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- (5) Switch power on at main isolating switch.
- (6) When display decimal points stop flashing, perform routine test described in Section 2.7.

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