ATTACHMENT

4.120.72.c LINAC Crash Tests

C-A-OPM Procedures in which this Attachment is used.		
4.120.72		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
_____	_____	_____	_____
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Approved: _____***Signature on File***_____ _____
Collider-Accelerator Department Chairman Date

V. Castillo

4.120.72.c LINAC Crash Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:_____ Checksum: _____

Division B Software Filename and Checksum: Title:_____ Checksum: _____

Initial testing complete:

Test Team Leader's Name (Print): _____ Life Number: _____

Test Team Leader's Name (Sign): _____ Date: _____/_____/_____

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____ Life Number:_____

Test Team Leader's Name (Sign): _____ Date: _____/_____/_____

Test results reviewed by:

Safety Section Head's Name (Print):_____ Life Number: _____

Safety Section Head's Name (Sign):_____ Date: _____/_____/_____

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print):_____ Life Number: _____

RSC Member's Name (Sign):_____ Date: _____/_____/_____

1.1 Test of Crash Buttons (CB) System

PRESS Crash Button to **de-energize** relay
□ **VERIFY** **Relay** is **OFF**
RETRACT Crash Button to **energize** relay
□ **VERIFY** **Relay** is **ON**

FOLLOW **Table 1** below

Crash Buttons		Relay in Encl. 4880	Verify Relay is ON	Press CB	Verify Relay is OFF	Retract CB	Verify Relay is ON	Go to next CB
#	Location							
1	Tank area 1 primary	AK9	□		□		□	
	Tank area 1 redundant	BK2	□		□		□	
2	Tank area 2 primary	AK9	□		□		□	
	Tank area 2 redundant	BK2	□		□		□	
3	Tank area 3 primary	AK9	□		□		□	
	Tank area 3 redundant	BK2	□		□		□	
4	Tank area 4 primary	AK9	□		□		□	
	Tank area 4 redundant	BK2	□		□		□	
5	Tank area 5 primary	AK9	□		□		□	
	Tank area 5 redundant	BK2	□		□		□	
6	Tank area 6 primary	AK9	□		□		□	
	Tank area 6 redundant	BK2	□		□		□	
7	Tank area 7 primary	AK9	□		□		□	
	Tank area 7 redundant	BK2	□		□		□	
8	BLIP area 1 primary	AK10	□		□		□	
	BLIP area 1 redundant	BK3	□		□		□	
9	BLIP area 2 primary	AK10	□		□		□	
	BLIP area 2 redundant	BK3	□		□		□	
10	HEBT area 1 primary	AK11	□		□		□	
	HEBT area 1 redundant	BK4	□		□		□	
11	HEBT area 2 primary	AK11	□		□		□	
	HEBT area 2 redundant	BK4	□		□		□	
12	HEBT area 3 primary	AK11	□		□		□	
	HEBT area 3 redundant	BK4	□		□		□	
13	HEBT area 4 primary	AK11	□		□		□	
	HEBT area 4 redundant	BK4	□		□		□	

Table 1 – Test of Crash Buttons

PRESS **MCR Crash Reset**
□ **VERIFY** Relay **BK10** and **BK6** turn **ON**
□ **Check for acceptance of Test of Crash Buttons System**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: _____/____/_____

TTL: Sign for completion of final testing: _____

Date: _____/____/_____