

<b>BROOKHAVEN NATIONAL LABORATORY PHYSICS DEPARTMENT</b>	<b>Number:</b> 4.0.3	<b>Revision:</b> 3
	<b>Effective:</b> 07/16/2007	<b>Page</b> 1 of 3
<b>Subject:</b> ATF Required Reading Book for LINAC Operators		<b>Prepared by:</b> Michael Zarcone
<b>Reviewed by ES&amp;H Coordinator:</b> <i>Allyson</i>	<b>Approved by ATF Head:</b> <i>[Signature]</i>	<b>Approved by Department Chair:</b> <i>[Signature]</i>

## ATF Required Reading Book for LINAC Operators

### I. Introduction

This book consists of documents that all operators must read and be familiar with for safe operations of the LINAC as required by the ATF Guidelines for Conduct of Operations. This set of documents has been recently updated reflecting the organizational change from the NSLS to the Physics Department as well as changes in equipment and operations. This is the set of basis documents necessary for operation of the ATF and must be complied with. As a LINAC operator, it is your responsibility to provide feedback based on your experience to improve operations, enhance safety, and efficiency. Please provide any comments to the Operations Coordinator or the ATF Safety Officer.

As you read each section, please initial the acknowledgement sheet. When the sheet has been completed, please send it to the ATF Safety Officer.

### II. Contents

#### ATF Handbook

- 1.0.1 Linear Accelerator General Systems Guide
- 1.0.2 The Radiofrequency Systems Guide
  - 1.1.0 General Requirements and Objectives for ATF Operations
    - 1.1.1 Guidelines for Conduct of Operations
- 2.00 ATF Safety Assessment Document
  - Section 1. Introduction and description of the Facility
  - Section 2. Summary/Conclusions
  - Section 4.5.2.2.2 Operating Parameters
- 2.01 ATF Emergency Plan
- 2.06 ATF Review of Non-Commercial Equipment
- 4.00 Training Programs and Requirements for ATF Personnel

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4.01 ATF Safety Training Course Contents

Accelerator Safety Envelope

Procedures Related to Operations

ATF Operating Procedures

Procedure for the Operation of the Accelerator Test Facility

ATF Radiation Fault Response Procedure

ATF Response to Modulator Malfunction

ATF Vacuum Work Procedure

Procedure for the Operation of the ATF Modulators

### ACKNOWLEDGEMENT SHEET

I have read, understood, and will abide by the policies and procedures as indicated by my initials.

ATF Handbook

	Revision	Reviewed
1.0.1 Linear Accelerator General Systems Guide	_____	_____
1.0.2 The Radiofrequency Systems Guide	_____	_____
1.1.0 General Requirements and Objectives for ATF Operations	_____	_____
1.1.1 Guidelines for Conduct of Operations	_____	_____
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4.01 ATF Safety Training Course Contents	_____	_____

Accelerator Safety Envelope

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Procedures Related to Operations

ATF Operating Procedures	_____	_____
Procedure for the Operation of the Accelerator Test Facility	_____	_____
ATF Radiation Fault Response Procedure	_____	_____
ATF Response to Modulator Malfunction	_____	_____
ATF Vacuum Work Procedure	_____	_____
Procedure for the Operation of the ATF Modulators	_____	_____

Printed Name: \_\_\_\_\_ Life # \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Operations Coordinator or ATF Safety Officer Signature: _____ Date: _____	
_____ Full Operator	_____ Duty Operator