



TABLE OF CONTENTS

DEFINITIONS	ii
EXECUTIVE SUMMARY	iii
TECHNICAL REPORT	
1. INTRODUCTION	1
2. BACKGROUND	1
3. FACILITY DESCRIPTION	2
4. TECHNICAL REVIEW	3
4.1 Management Responsibilities	3
4.2 Supervisory Responsibilities	11
4.3 Nuclear Criticality Safety Staff Responsibilities	14
4.4 Operating Procedures	16
4.5 Process Evaluation for Nuclear Criticality Safety	19
4.6 Materials Control	22
4.7 Planned Response to Nuclear Criticality Accidents	23
5. CONCLUSIONS	24
REFERENCES	26
ACRONYMS	28
APPENDIX A: REVIEW PLAN FOR THE CRITICALITY SAFETY PROGRAM AT THE PLUTONIUM FINISHING PLANT	A-1
APPENDIX B: COMMENTS ON THE DRAFT BWHC RESPONSE TO THE KIDD REPORT	B-1
APPENDIX C: CONCERNS, FINDINGS, RECOMMENDATIONS, SUGGESTIONS AND STRENGTHS	C-1
APPENDIX D: TECHNICAL REVIEW FORMS	D-1
APPENDIX E: WHITE PAPER ON CSER 96-023: CSER FOR PFP GLOVEBOX HC-21A WITH 4.4 KILOGRAM PLUTONIUM CANS, WHC-SD-SQA-CSA-520, REV. 0	E-1
APPENDIX F: EXAMPLES OF PERFORMANCE MEASURES	F-1



DEFINITIONS

Concern:

Any situation or adverse condition that does not meet the requirements of an applicable Federal law, DOE rule, order, a DOE issue or approved procedure or a significant practice not covered by procedure. A concern is based on one or more findings.

Finding:

A statement of fact documenting a deficient condition related to safety requirements or performance standards.

Suggestion:

An item that could be improved based upon good practice.

Strength:

An example of exceptional performance or a good practice.