

# TEMPORARY CHANGE REQUEST

TCR NO. **TCR-ESHD 5008 Section 5 Appendix A,R7-001**

(e.g., TCR-ENG-021,R0-001)

The Temporary Change Request (TCR) Form is to be used to process urgent or minor changes for PPPL Policies, Organization/Mission Statements and Procedures. The TCR should be used when changes are:  
1) urgent, and can not wait the 2-4 week period for Department Head review/comment, or  
2) minor, and do not warrant Department Head review.

Person Requesting Change: Larry Dudek Phone Ext: 2185

Department Name: Engineering and Infrastructure

Document Number: ESHD 5008 Section 5 Appendix A Table 1 Revision No.: 7

Document Title: Automatic Fire Protection Systems

Reason for change: FM-200 system is decommissioned.

**Change description:** (Summarize and attach changed pages, with changes clearly indicated)  
Add note that FM-200 system is decommissioned under NSTX Control Room Floor.

1. Does this TCR significantly alter the intent or scope of the document? YES: \_\_\_\_\_ NO: **X** \_\_\_\_\_

2. Does this TCR significantly impact **ES&H**? YES: \_\_\_\_\_ NO: **X** \_\_\_\_\_

If 1 or 2 is **YES**, Explain why the changes should not be routed for Department Head review:

Larry Dudek  
Department/Division Head Approval

1/28/16  
Date

John DeLooper  
Head, Best Practices and Outreach/designee

1/29/16  
Date

Release/Effective date of this TCR: 1/29/16

Incorporate this TCR into next revision of this document? YES: **X** \_\_\_\_\_ NO: \_\_\_\_\_

PPPL

PRINCETON PLASMA PHYSICS LABORATORY  
ES&H DIRECTIVES



ES&HD 5008 SECTION 5, APPENDIX A, TABLE 1  
Automatic Fire Protection Systems

Approved

Date: 12/19/12

Revision 7

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**APPENDIX A**  
**Table 1, page 1**  
**Automatic Fire Protection Systems**

Detection System Type	Code	Suppression System Type	Code
Sprinkler Water Flow	WF	Preaction Sprinkler System	PS
Ionization Smoke Detection	I	Wet Pipe Sprinkler System	WP
Flame Detection	F	Dry Pipe Sprinkler System	DS
Photoelectric Smoke Detection	PE	Deluge Sprinkler System	D
Thermal Detection	T	Wet Chemical System	WC
Beam Smoke Detection	B	Carbon Dioxide System	CO2
VESDA Smoke Detection	V	FM-200 System	FM

**C-site**

Area	Detection	Suppression
Laboratory, Office Building	WF	WP
NSTX Control Room	I, PE, WF	WP
NSTX Control Room, Under Floor	I, PE	FM**
NSTX Control Room Addition	I, PE, WF	WP
Bsmt. Computer Rms (003, 012, 013)	I, PE, WF	WP
Rms (003, 012, 013), Under Floor	I, PE	FM*
Cafeteria	I, WF	WP
Cooking Hoods	T	WC
Lobbies & Commons	I, WF	WP
Administration Building	WF	WP
Telephone Exchange Room	PE, WF	FM, WP
Administration Wing	WF	WP
Theory Wing	WF	WP
Library	PE, WF	WP
PPLCC	PE, WF	WP
Under Floor	PE	FM
Laboratory Building	PE, WF	WP
Room L-208, 210, 211, 215, 216	PE, WF	PS

\* Installed but not active

\*\* FM200 is Decommisioned

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**APPENDIX A**  
**Table 1, page 2**  
**Automatic Fire Protection Systems**

**C-site (Continued)**

Area	Detection	Suppression
Engineering Wing	WF	WP
Shop Building	WF	WP
Room 235	I, T, WF	WP
CS Building	WF	WP
Control Room	I	WP
High Bay Area	V, B	PS
Future Platforms & Mezz	V	PS
Basement	PE	PS
Room 221	I, T, WF	WP
Room 222	I, T, WF	WP
RF Building	PE, WF	WP
High Bay (Hall Thruster)	PE	PS
ESAT Building	B, I, WF	WP
MG Building	WF	WP
High Bay	B, WF	WP
MG Control Room	I, WF	WP
Below Mezzanines	I, WF	WP
MG Annex (Carpenter Shop)	I, WF	WP
C-site Pump House	WF	WP
D-site Cooling Tower	T, WF	D
D-site Pump House	WF	WP
Maintenance Building	WF	WP
Newer Section	PE, WF	WP
Warehouses	WF	WP
CAS/RESA Building	WF	WP
Emergency Vehicle Building	WF	WP
Engine Room	T, WF	WP
Lounge and 2nd Floor	PE, WF	WP
Hazardous Material Storage Building	I, T/RR, WF	DP
Canal Pump House	T/RR, WF	WP
C-site Guard Booth	I	None
Diesel Stand-By Generator	T/RR	None

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**APPENDIX A**  
**Table 1, page 3**  
**Automatic Fire Protection Systems**

**D-site**

Area	Detection	Suppression
LECT Tank	None	None
Mock-Up Building	B, WF	WP
Enclosures and Below Mezzanines	PE, WF	WP
Gallery	PE, WF	WP
Cryogenics	PE, WF	WP
Hot Cell (NSTX Test Cell)	V, WF	PS
Below Platforms	V, WF	PS
Test Cell	V, WF	PS
Test Cell Basement	V, PE, T/RR, WF	PS
DARMS	PE, WF	FM*, WP
Tritium Areas	PE, T/RR, WF	WP
Basement Corridor & Tunnel	PE, WF	WP
NBPC Building	PE, WF	WP
FCPC Building	PE, WF	WP
D-Site MG Building	PE, WF	WP
MG Enclosures	T/RR	CO2
Diesel Stand-By Generator	T/RR	PS

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