

PPPL	PRINCETON PLASMA PHYSICS LABORATORY ES&H DIRECTIVES		
	ES&HD 5008 SECTION 5, APPENDIX A, TABLE 1 Automatic Fire Protection Systems		
Approved	Date: 2/25/09	Revision 6	Page 1 of 3

APPENDIX A
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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	Halon System	H
VESDA Smoke Detection	V	Carbon Dioxide System	CO2
		FM-200 System	FM

C-site

Area	Detection	Suppression
Laboratory, Office Building	WF	WP
NSTX Control Room	I, PE, WF	H, WP
NSTX Control Room Addition	I, PE, WF	H, WP
Bsmt. Computer Rms (003, 012, 013)	I, PE, WF	FM, WP
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	CO2
Laboratory Building	PE,WF	WP
Room L-208, 210, 211, 215, 216	PE, WF	PS
Engineering Wing	WF	WP
Shop Building	WF	WP
Room 235	I, T, WF	WP, CO2*

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C-site (Continued)

Area	Detection	Suppression
CS Building	WF	WP
NCSX Control Room	I	WP, CO2*
High Bay Area	V, B	PS
Below Platforms & Mezz	V	PS
Basement	PE	PS
Room 221	I, T, WF	WP, CO2*
Room 222	I, T, WF	WP, CO2*
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
Power (Rectifier) Building	I, WF	WP
C-site Pump House	WF	WP
D-site Cooling Tower	T, WF	DS
D-site Pump House	WF	WP
FED Building	WF	WP
New Section	PE,WF	WP
Warehouses	WF	WP
CAS/RESA Building	WF	WP
Emergency Vehicle Building	WF	WP
Engine Room	T, WF	WP
Lounge and 2 nd 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

* Under floor areas only

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Automatic Fire Protection Systems

D-site

Area	Detection	Suppression
LECT Area	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