ANALYSIS OF FIRE HAZARDS

FIRE AREAS					COMBUSTIBLES							FIRE PROTECTION SYSTEMS						FIRE DETECTION SYSTEMS		REMARKS
												FIXED			MANUAL					
															PORTABLE EXTINGUISHERS					
BUILDING	EL ELEVATION	FIRE AREA/ZONE/ROOM NO.	ROOM NAME	EQUIPMENT	MATERIAL	NFPA CLASS	TOTAL AMOUNT (LB) (GAL)	HEAT OF COMBUST ($\frac{BTU}{LB}$) ($\frac{BTU}{GAL}$)	TOTAL HEAT OF COMBUST. (BTU)	FLOOR AREA (FT^2)	FIRE LOAD ($\frac{BTU}{FT^2}$)	TYPE	DENSITY	ACTUATION	TYPE	CAPACITY	STANDPIPE SYSTEM CLASS	TYPE	INTENDED SERVICE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
AUXILIARY	692.0	A3-A4U U-S	692.0-A31 SPARE							1354					DRY CHEMICAL	10A:60B:C	II			
										TOTAL FIXED	INSIGNIFICANT									
								COMPARTMENT TOTAL FIXED COMBUSTIBLE FIRE LOAD			64,234									
		A3-A4U U-S	692.0-A33 DRG DIESEL TANK ROOM							603					DRY CHEMICAL	10A:60B:C	II			
										TOTAL FIXED	INSIGNIFICANT									
		A3-A5U U-S	692.0-A35 DRG DIESEL TANK ROOM							611					DRY CHEMICAL	10A:60B:C	II			
										TOTAL FIXED	INSIGNIFICANT									
								COMPARTMENT TOTAL FIXED COMBUSTIBLE FIRE LOAD			INSIGNIFICANT									
		A3-A5U U-S	692.0-A35 AUXILIARY FEEDWATER PUMP ROOM							315		AUTOMATIC SPRINKLER SYSTEM		AUTOMATIC	DRY CHEMICAL	10A:60B:C	II	CODE ZONE DETECTION DEVICE SECTIONS	ALARM TO REMOTE SUPERVISION	
										TOTAL FIXED	4,317									
								COMPARTMENT TOTAL FIXED COMBUSTIBLE FIRE LOAD			4,317									
										487										
										TOTAL FIXED	220									
								COMPARTMENT TOTAL FIXED COMBUSTIBLE FIRE LOAD			220									
										485										
										TOTAL FIXED	6,317									
								COMPARTMENT TOTAL FIXED COMBUSTIBLE FIRE LOAD			6,317									

TI APERTURE CARD

DESIGNED	J.K. Mauney	BY	
DRAWN	D.C. Smith	CHECKED	E.D. Cook

SCALE: EXCEPT AS NOTED

POWERHOUSE
AUXILIARY BUILDING

FIRE HAZARD ANALYSIS TABLE
EL 692.0

WATTS BAR NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

DRAFTING	DESIGN SUPERVISION	APPROVED
S.D. Cook	E.D. Cook	[illegible]

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APPROVED FOR USE
J.C. Eudy Jr.

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