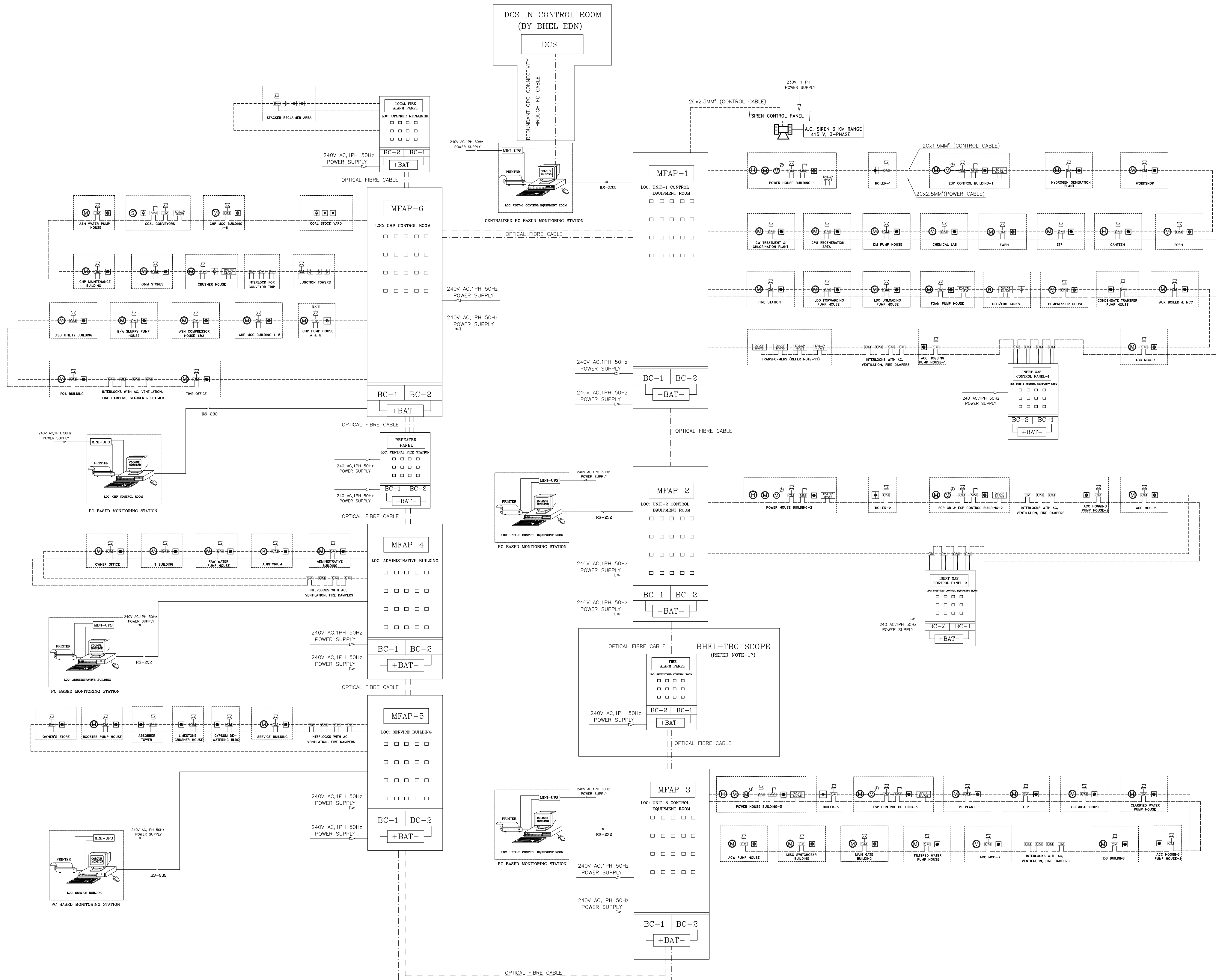
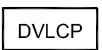


ANNEXURE-D

The no of Fire alarm panels mentioned this scheme are indicative only.
Total no of Fire alarm panels are mentioned in Annexure-A BOM



SL NO	SYMBOL	DESCRIPTION
1		POWER CABLE (2Cx2.5 SQ.MM)
2		CONTROL/LOOP CABLE (2Cx1.5 SQ.MM)
3		OPTICAL FIBRE CABLE
4		NETWORK CABLE
5		DIGITAL LHS CABLE
6		HOOTER CUM STROBE
7		CONTROL MODULE
8		MONITOR MODULE
9		MANUAL CALL POINT (INDOOR)
10		MANUAL CALL POINT (OUTDOOR)
11		MANUAL CALL POINT (FLAMEPROOF)
12		MULTISENSOR DETECTOR WITH RESPONSE INDICATOR (ABOVE FALSE CEILING)
13		MULTISENSOR DETECTOR
14		RATE OF RISE OF TEMPERATURE DETECTOR
15		SPARK/EMBER DETECTOR
16		HEAT DETECTOR
17	BC-1,2	BATTERY CHARGER
18	+BAT-	SMF LEAD ACID BATTERIES
19		DELUGE VALVE LOCAL CONTROL PANEL
20		SIREN

NOTES:-

1. EACH FIRE ALARM PANEL/REPEATER PANEL SHALL BE PROVIDED WITH 24 V D.C BATTERY BACKUP, COMPRISING OF 2x100% CHARGERS AND 1x100% SMF BATTERIES. POWER SUPPLY FOR PLC SHALL BE IN LINE WITH NTPC TECHNICAL SPECIFICATION.
2. ALL DETECTORS SHALL BE LOOPED AS PER IS: 2189 IN CLASS A WIRING
3. THE NUMBER OF LOOPS AND DEVICES/DETECTORS ARE INDICATIVE ONLY. ACTUAL DETAILS SHALL BE FURNISHED DURING DETAIL ENGINEERING
4. THE FOLLOWING SIGNALS SHALL BE TAKEN FROM INERT GAS PANEL TO MAIN FIRE ALARM PANEL LOCATED IN UNIT-1 & 2 CER THROUGH POTENTIAL FREE CONTACTS:-
 - (a) PRE ALARM
 - (b) GAS DISCHARGE SIGNAL

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

[illegible]

CUSTOMER

एन टी पी सी

NTPC

NTPC Limited

(A GOVERNMENT OF INDIA ENTERPRISE)

PROJECT

3 x 800 MW PATRATU SUPER THERMAL POWER PROJECT

भारत भारती

BHARAT

BHARAT HEAVY ELECTRICALS LTD.

HYDERABAD

PROJECT ENGG. & SYSTEMS DIVISION

DEPT. FEED CODE 450

UNTOL. DIMS. GR. 9/M/J



SCALE N.T.S.

WEIGHT (KG) N.A.

REF. TO ASSY. DRG. N.A.

CARD CODE NA

DRG. NO. PY-FL-1-M100-8315-01

CUST. DRG. NO. 9585-001-151-PV1-1-001

SHT. No. 01 No. of SHT. 02 SIZE A

TITLE SCHEMATIC DIAGRAM FOR

FIRE DETECTION AND ALARM SYSTEM

NAME RAVITEJA SIGN.—SD— DATE 13.02.15 NO. OF VAR

CHD. AMIT SIGN.—SD— DATE 14.02.15 N.A.

APFD. K. KUNJAN SIGN.—SD— DATE 16.02.15 N.A.

ITEM NO. N.A. NO. OF ITEMS N.A. REV

10

11

12