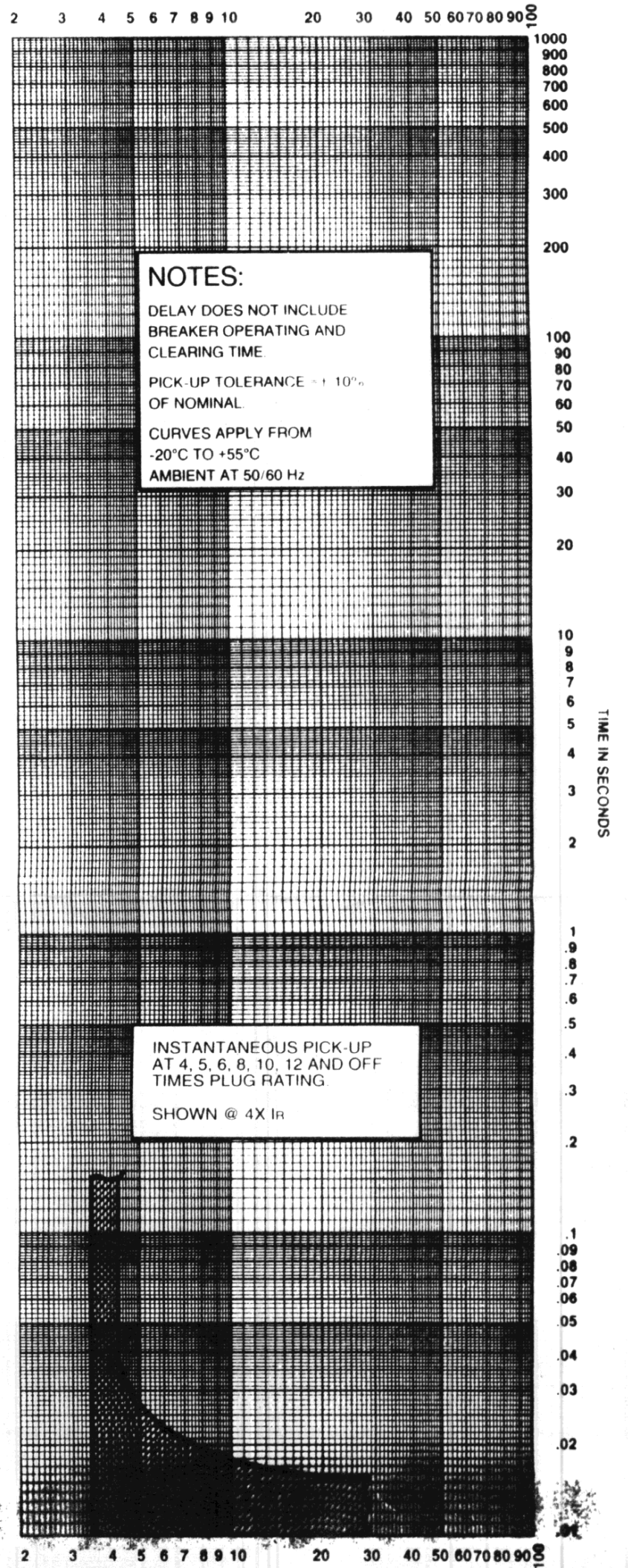
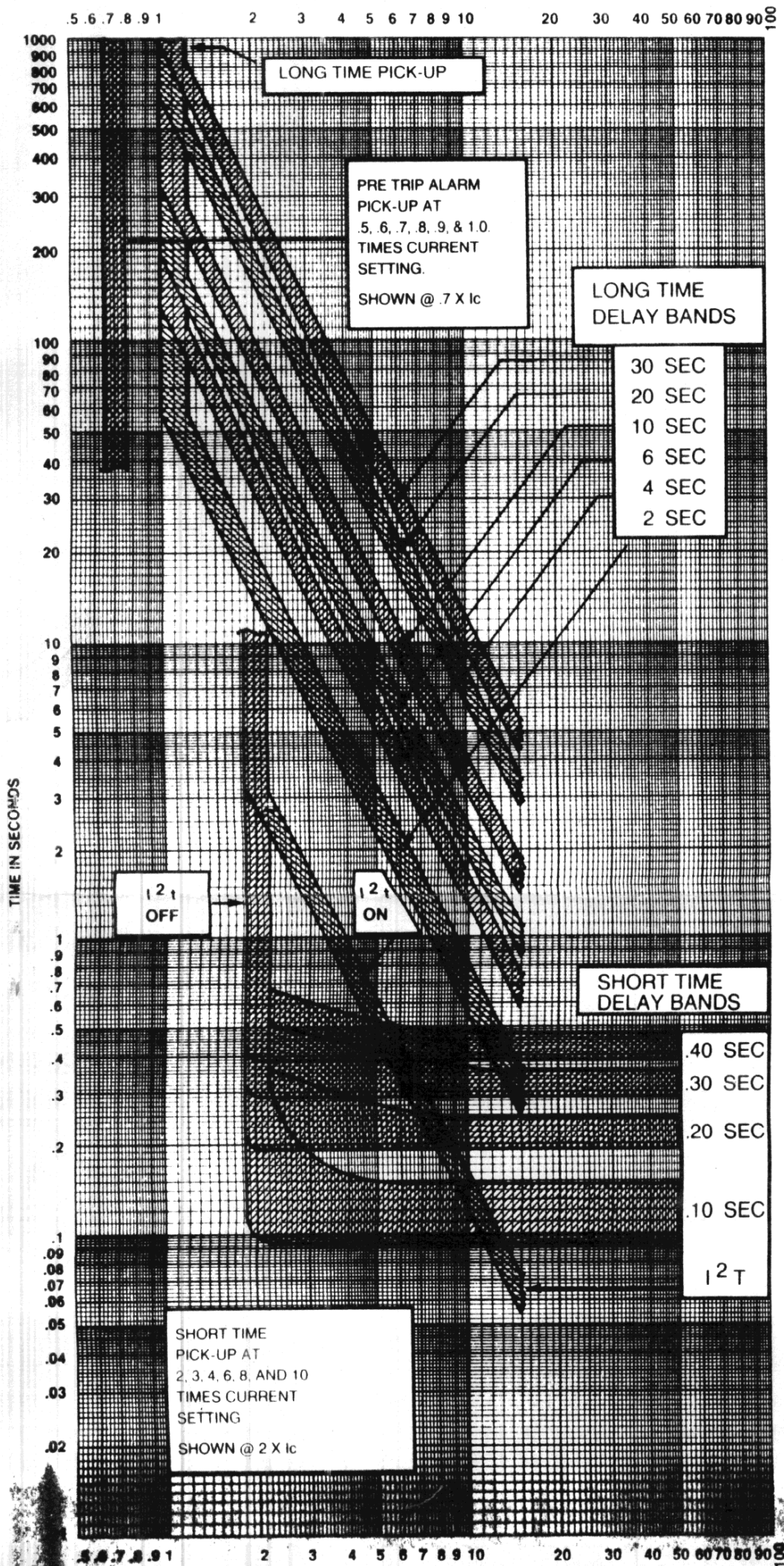




3 PHASE A.C. OVERCURRENT RELAY TYPE USR
TIME CURRENT CHARACTERISTICS



CURRENT SENSORS - MATCHED
TO FRAME RATING OF CIRCUIT
BREAKER.

RATING PLUG - 25% 30% 40% 50%
60% 75% 80% 100% OF
SENSOR RATING (I_r)

CURRENT SETTING: I_c - X 0.50
0.60 0.70 0.80 0.90 & 1.00 PLUG RATING (I_r)

LOW VOLTAGE POWER AIR CIRCUIT BREAKERS
TYPE H-3 & HL-3
WITH "USR" OVERCURRENT RELAY
LONG TIME DELAY, SHORT TIME DELAY
PRE TRIP ALARM & INSTANTANEOUS
TIME CURRENT CURVES.

MAY 1991

FEDERAL PIONEER LTD.
TORONTO, CANADA

C-3-289-1.