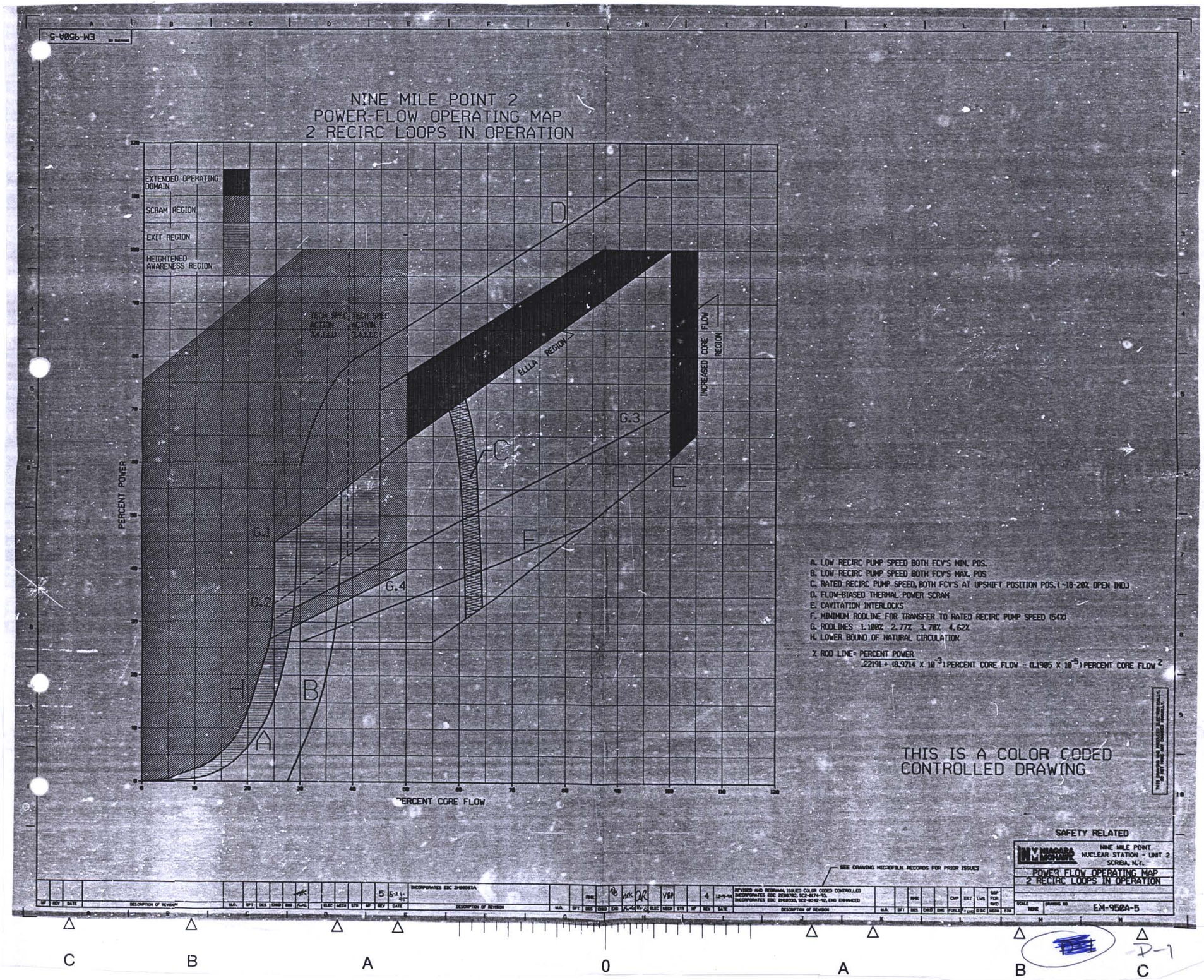

NINE MILE POINT 2
POWER-FLOW OPERATING MAP
2 RECIRC LOOPS IN OPERATION
EXTENDED OPERATING DOMAIN
SCRAM REGION
EXIT REGION
HEIGHTENED AWARENESS REGION
TECH SPEC ACTION 3.4.1.1.D
TECH SPEC ACTION 3.4.1.1.C
ELLLA REGION
INCREASED CORE FLOW REGION
PERCENT POWER
PERCENT CORE FLOW
A
B
C
D
E
F
G.1
G.2
G.3
G.4
H
A. LOW RECIRC PUMP SPEED BOTH FCV'S MIN. POS.
B. LOW RECIRC PUMP SPEED BOTH FCV'S MAX. POS
C. RATED RECIRC PUMP SPEED, BOTH FCV'S AT UPSHIFT POSITION POS. (~18-20% OPEN IND.)
D. FLOW-BIASED THERMAL POWER SCRAM
E. CAVITATION INTERLOCKS
F. MINIMUM RODLINE FOR TRANSFER TO RATED RECIRC PUMP SPEED (54%)
G. RODLINES 1.100% 2.77% 3.70% 4.62%
H. LOWER BOUND OF NATURAL CIRCULATION
% ROD LINE= PERCENT POWER / .22191 + (8.9714 X 10^-3) PERCENT CORE FLOW - (1.1905 X 10^-5) PERCENT CORE FLOW^2
THIS IS A COLOR CODED CONTROLLED DRAWING
SAFETY RELATED
NIAGARA MOHAWK
NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
POWER FLOW OPERATING MAP
2 RECIRC LOOPS IN OPERATION
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES
EM-950A-5

D-1