

### 3/4.2 POWER DISTRIBUTION LIMITS

#### 3/4.2.1 AVERAGE PLANAR LINEAR HEAT GENERATION RATE

##### LIMITING CONDITION FOR OPERATION

3.2.1 All AVERAGE PLANAR LINEAR HEAT GENERATION RATES (APLHGRs) for each type of fuel as a function of AVERAGE PLANAR EXPOSURE shall not exceed the limits shown in Figures 3.2.1-1, 3.2.1-2, and 3.2.1-3. The limits of Figures 3.2.1-1, 3.2.1-2, and 3.2.1-3 shall be reduced to a value of 0.84 times the two-recirculation loop operation limit when in single-recirculation loop operation. <sup>for GE fuel and average bundle exposure for ENC fuel</sup> for single loop operation are shown in Figures 3.2.1-4, 3.2.1-5, and 3.2.1-6. APPLICABILITY: OPERATIONAL CONDITION 1, when THERMAL POWER is greater than or equal to 25% of RATED THERMAL POWER.

##### ACTION:

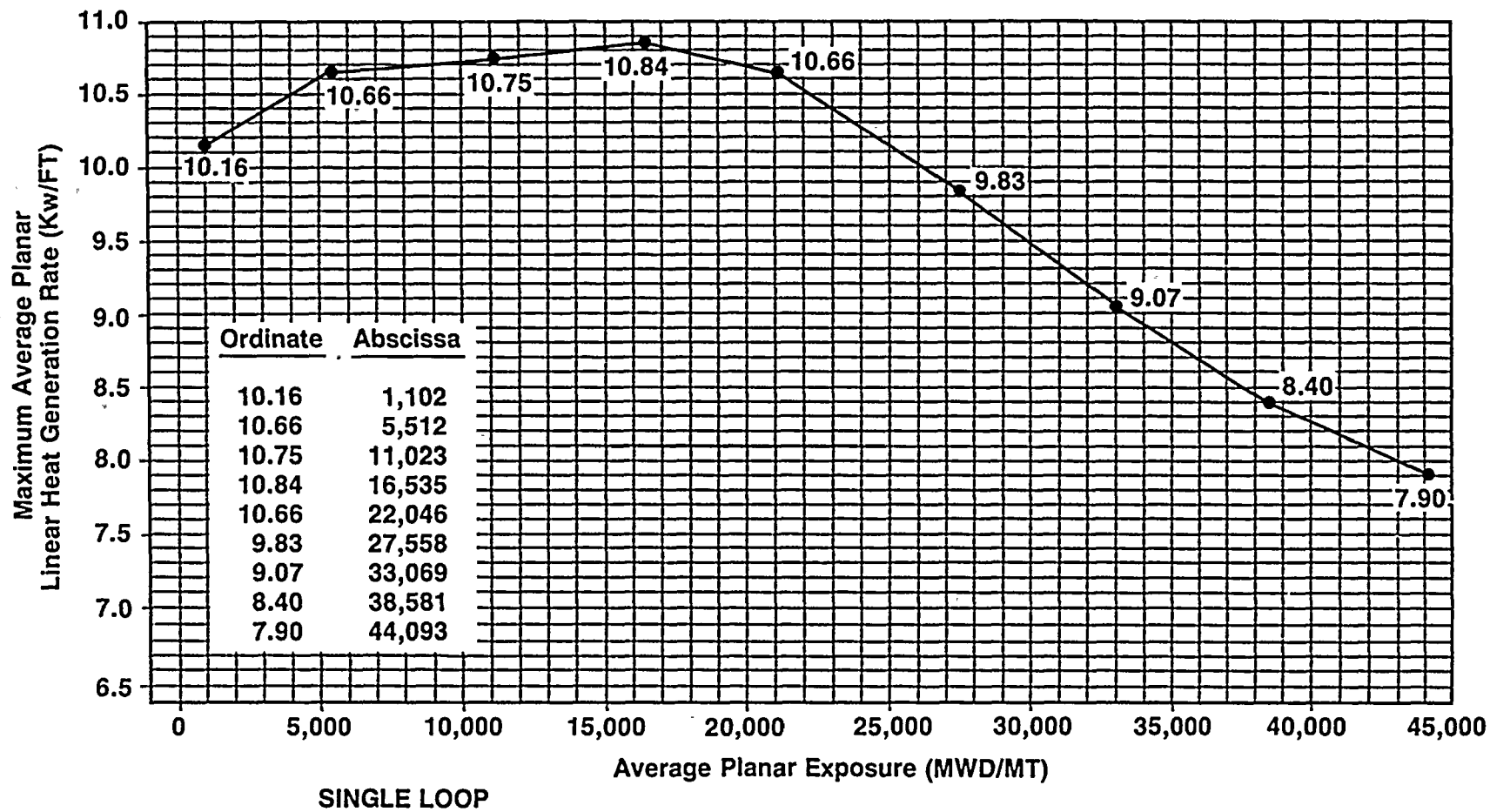
With an APLHGR exceeding the <sup>applicable</sup> limits of Figure 3.2.1-1, 3.2.1-2, ~~or~~ 3.2.1-3, 3.2.1-4, 3.2.1-5, initiate corrective action within 15 minutes and restore APLHGR to within the required limits within 2 hours or reduce THERMAL POWER to less than 25% of RATED THERMAL POWER within the next 4 hours. <sup>or 3.2.1-6</sup>

##### SURVEILLANCE REQUIREMENTS

4.2.1 All APLHGRs shall be verified to be equal to or less than the limits determined from Figures 3.2.1-1, 3.2.1-2, ~~and~~ 3.2.1-3, 3.2.1-4, 3.2.1-5, and 3.2.1-6.

- a. At least once per 24 hours,
- b. Within 12 hours after completion of a THERMAL POWER increase of at least 15% of RATED THERMAL POWER, and
- c. Initially and at least once per 12 hours when the reactor is operating with a LIMITING CONTROL ROD PATTERN for APLHGR.



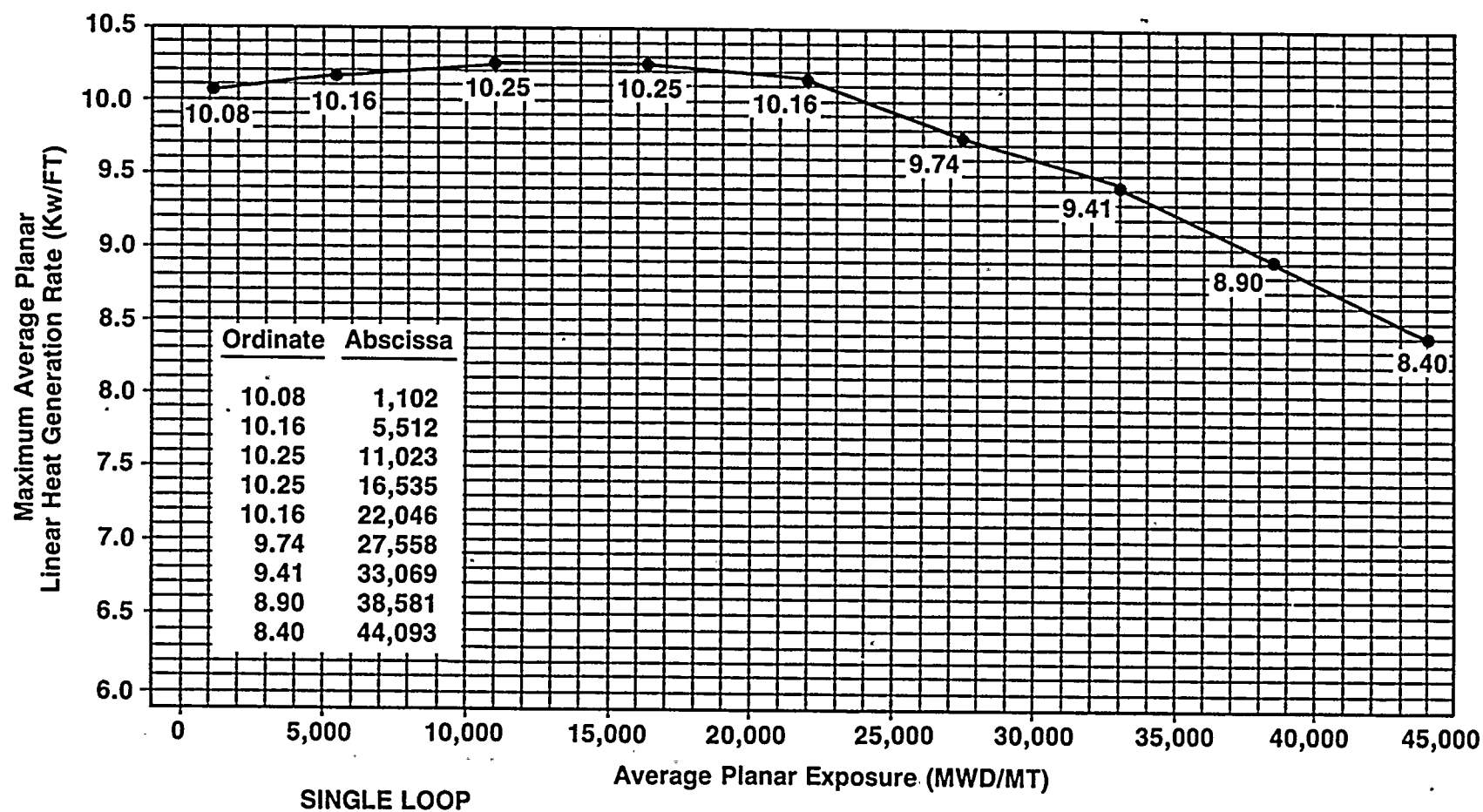


Maximum Average Planar Linear Heat  
Generation Rate (MAPLHGR) Versus  
Average Planar Exposure  
Initial Core Fuel Type 8CR183

Figure 3.2.1-4

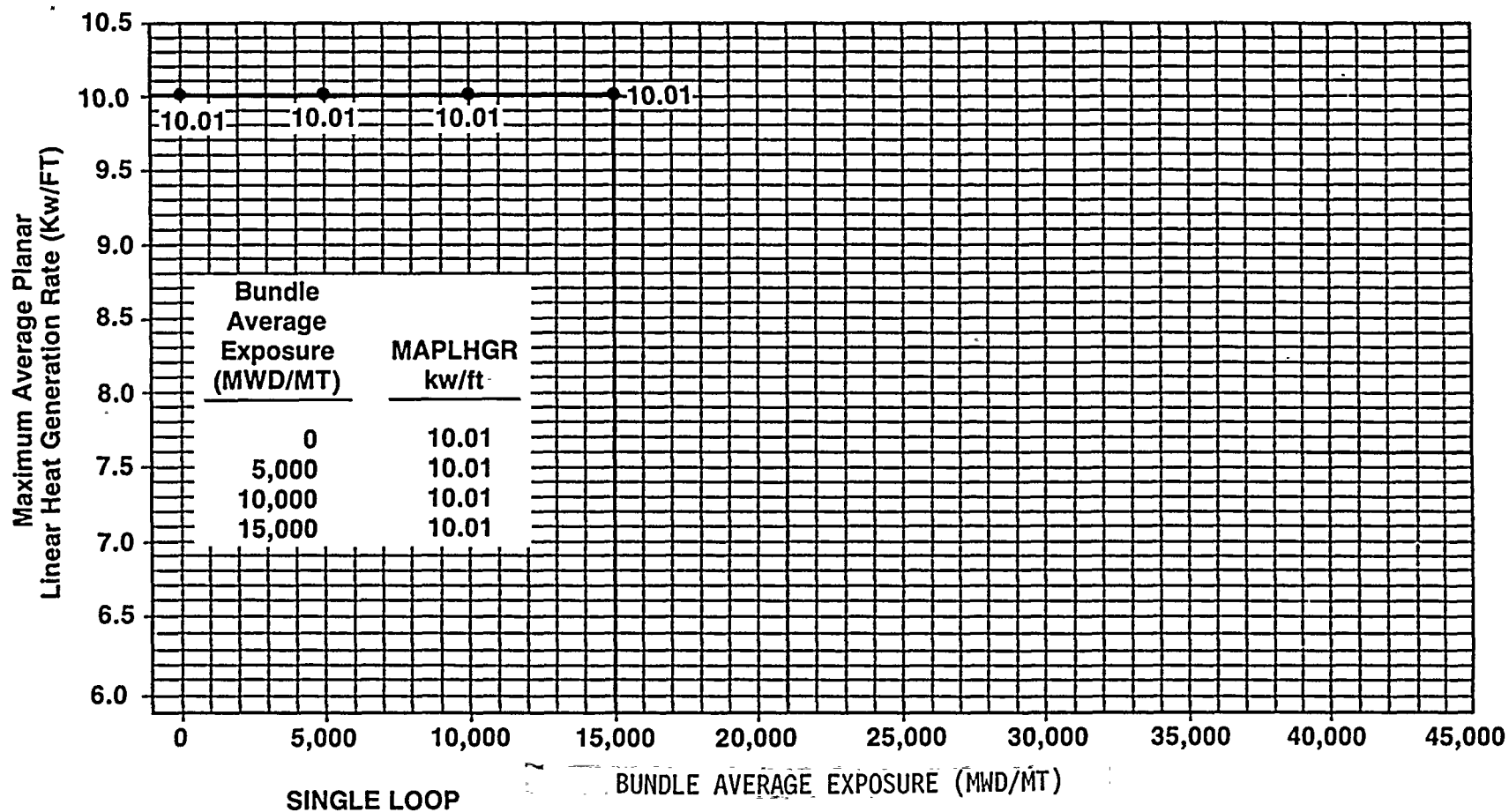
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Maximum Average Planar Linear Heat  
Generation Rate (MAPLHGR) Versus  
Average Planar Exposure  
Initial Core Fuel Type 8CR233  
Figure 3.2.1-5





Maximum Average Planar Linear Heat Generation Rate (MAPLHGR) Versus BUNDLE AVERAGE EXPOSURE  
ENC XN-1 FUEL  
Figure 3.2.1-6





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