

## POWER DISTRIBUTION LIMITS

### 3/4.2.4 DNBR MARGIN

#### LIMITING CONDITION FOR OPERATION

3.2.4 The DNBR margin shall be maintained by one of the following methods:

- a. Maintaining COLSS calculated core power less than or equal to COLSS calculated core power operating limit based on DNBR (when COLSS is in service, and either one or both CEACs are operable); or
- b. Maintaining COLSS calculated core power less than or equal to COLSS calculated core power operating limit based on DNBR decreased by 13% RATED THERMAL POWER (when COLSS is in service and neither CEAC is operable); or
- c. Operating within the region of acceptable operation of Figure 3.2-2 using any operable CPC channel (when COLSS is out of service and either one or both CEACs are operable); or
- d. Operating within the region of acceptable operation of Figure 3.2-3 using any operable CPC channel (when COLSS is out of service and neither CEAC is operable).

APPLICABILITY: MODE 1 above 20% of RATED THERMAL POWER.

#### ACTION:

- a. With the DNBR limit not being maintained as indicated by COLSS calculated core power exceeding the COLSS calculated core power operating limit based on DNBR, within 15 minutes initiate corrective action to reduce the DNBR to within the limits and either:
  1. Restore the DNBR to within its limits within 1 hour, or
  2. Reduce THERMAL POWER to less than or equal to 20% of RATED THERMAL POWER within the next 6 hours.
- b. With the DNBR limit not being maintained as indicated by operation outside the region of acceptable operation in Figure 3.2-2 or 3.2-3 with COLSS out of service, either:
  1. Restore COLSS to service within 2 hours, or
  2. Restore the DNBR to within its limits within the next 2 hours, or
  3. Reduce THERMAL POWER to less than or equal to 20% of RATED THERMAL POWER within the next 6 hours.

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PDR ADDCK 05000382  
P PDR

COLSS OUT OF SERVICE DNBR LIMIT LINE

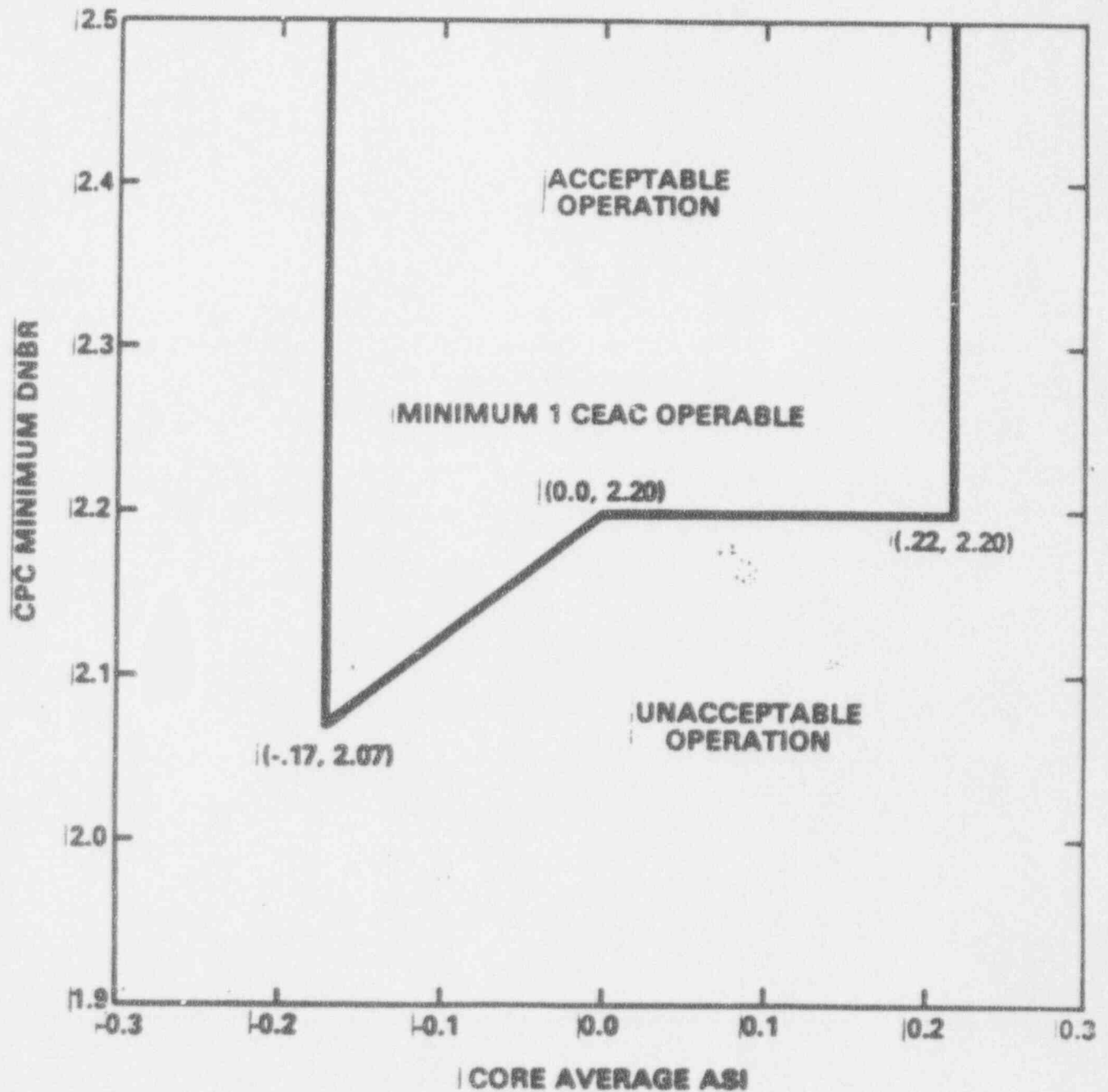


FIGURE 3.2-2

DNBR MARGIN OPERATING LIMIT BASED ON CORE PROTECTION CALCULATORS  
(COLSS OUT OF SERVICE, CEACs OPERABLE)

NPF-38-144

ATTACHMENT B

## POWER DISTRIBUTION LIMITS

### 3/4 2.4 DNBR MARGIN

#### LIMITING CONDITION FOR OPERATION

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3.2.4 The DNBR margin shall be maintained by one of the following methods:

- a. Maintaining COLSS calculated core power less than or equal to COLSS calculated core power operating limit based on DNBR (when COLSS is in service, and either one or both CEACs are operable); or
- b. Maintaining COLSS calculated core power less than or equal to COLSS calculated core power operating limit based on DNBR decreased by 16% RATED THERMAL POWER (when COLSS is in service and neither CEAC is operable); or
- c. Operating within the region of acceptable operation of Figure 3.2-2 using any operable CPC channel (when COLSS is out of service and either one or both CEACs are operable); or
- d. Operating within the region of acceptable operation of Figure 3.2-3 using any operable CPC channel (when COLSS is out of service and neither CEAC is operable).

APPLICABILITY: MODE 1 above 20% of RATED THERMAL POWER.

#### ACTION:

- a. With the DNBR limit not being maintained as indicated by COLSS calculated core power exceeding the COLSS calculated core power operating limit based on DNBR, within 15 minutes initiate corrective action to reduce the DNBR to within the limits and either:
  1. Restore the DNBR to within its limits within 1 hour, or
  2. Reduce THERMAL POWER to less than or equal to 20% of RATED THERMAL POWER within the next 6 hours.
- b. With the DNBR limit not being maintained as indicated by operation outside the region of acceptable operation in Figure 3.2-2 or 3.2-3 with COLSS out of service, either:
  1. Restore COLSS to service within 2 hours, or
  2. Restore the DNBR to within its limits within the next 2 hours, or
  3. Reduce THERMAL POWER to less than or equal to 20% of RATED THERMAL POWER within the next 6 hours.

# COLSS OUT OF SERVICE DNBR LIMIT LINE

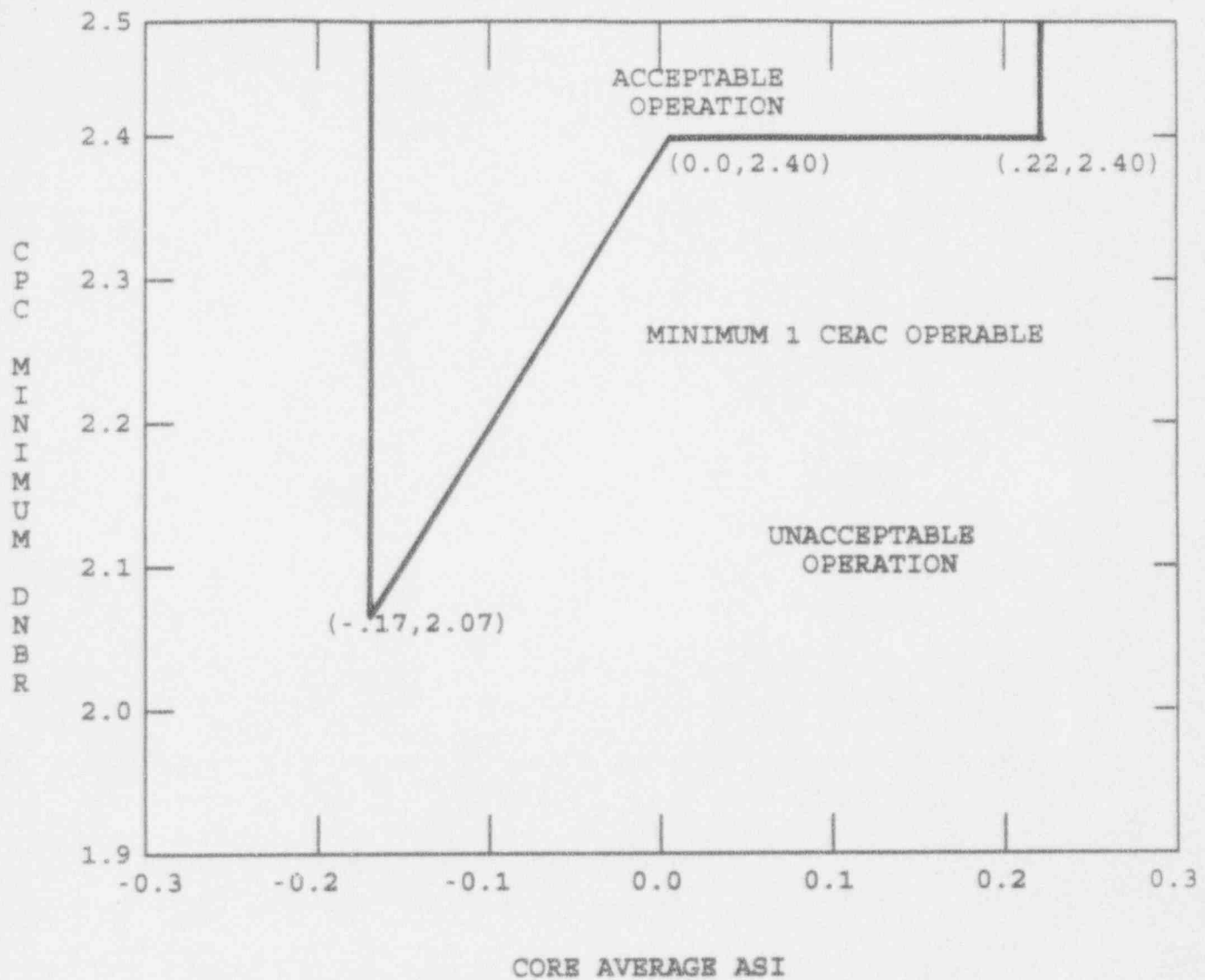


FIGURE 3.2-2

DNBR MARGIN OPERATING LIMIT BASED ON CORE PROTECTION CALCULATORS  
(COLSS OUT OF SERVICE, CEACs OPERABLE)