

POWER DISTRIBUTION LIMITS

SURVEILLANCE REQUIREMENTS (Continued)

e. With measurements indicating

maximum
over z

$$\left[\frac{F_Q^M(z)}{K(z)} \right]$$

has increased since the previous determination of $F_Q^M(z)$ either of the following actions shall be taken:

1. $F_Q^M(z)$ shall be increased by 2 percent over that specified in 4.2.2.2.c, or
2. $F_Q^M(z)$ shall be measured at least once per 7 effective full power days until 2 successive maps indicate that

maximum
over z

$$\left[\frac{F_Q^M(z)}{K(z)} \right] \text{ is not increasing.}$$

f. With the relationships specified in 4.2.2.2.c above not being satisfied:

1. Calculate the percent $F_Q(z)$ exceeds its limit by the following expression:

$$\left\{ \left(\text{maximum over z} \left[\frac{F_Q^M(z) \times W(z)}{F_Q^{RTP} \times K(z)} \right] - 1 \right) \times 100 \right\} \text{ for } P \geq 0.5$$

$$\left\{ \left(\text{maximum over z} \left[\frac{F_Q^M(z) \times W(z)}{F_Q^{RTP} \times K(z)} \right] - 1 \right) \times 100 \right\} \text{ for } P < 0.5$$

2. Either of the following actions shall be taken:

- a. Place the core in an equilibrium condition where the limit in 4.2.2.2.c is satisfied. Power level may then be increased provided the AFD limits of Specification 3.2.1 are reduced 1% AFD for each percent $F_Q(z)$ exceeded its limit, or
- b. Comply with the requirements of Specification 3.2.2 for $F_Q(z)$ exceeding its limit by the percent calculated above.

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