

SSES-FSAR

QUESTION 361.1

FSAR Figure 2.5-8 is unclear. Provide two new maps: (1) one map showing earthquake epicenters and province boundaries out to their maximum extent for provinces coming within 200 miles of the site (no geologic symbols) and (2) a second map showing only earthquake epicenters (no geologic symbols or province boundaries) within 200 miles of the site. The earthquake symbols should be changed to better differentiate epicentral intensities on the maps.

RESPONSE:

Figure 2.5-8a shows earthquake epicenters and tectonic province boundaries for provinces coming within 200 miles of the site. Figure 2.5-8b shows earthquake epicenters within 200 miles of the site. On both maps, earthquake symbols have been changed to better differentiate epicentral intensities.

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QUESTION 361.2

Since the design response spectra for the OBE and SSE deviate from those suggested in Regulatory Guide 1.60, provide and compare graphs showing both the design response spectra and the Regulatory Guide 1.60 spectra for the OBE and SSE.

RESPONSE:

The comparison is given in revised Subsection 3.7b.1.1.

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QUESTION 361.3

FSAR Figure 2.5-11 depicts the regional landsat lineaments. A discussion of these lineaments and their relationship to the regional geology has not been provided in the FSAR text. Provide a detailed discussion of the lineaments. Include in this discussion the relationship of lineaments as proposed by Saunders and Hick, 1976 to the regional geology.

RESPONSE:

The response to the question is provided in Subsection 2.5.1.1.3.5.

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QUESTION 361.4

Discuss the potential for and hazards resulting from subsurface gas and waste storage in the local geologic structures in the near site vicinity.

RESPONSE:

This response to this question is provided in Subsection 2.2.3.1.7.

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QUESTION 361.5

FSAR Figures 2.5-18 and 2.5-19 are blurred. Please provide legible copies of these figures.

RESPONSE:

FSAR Figures have been revised.