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ENCLOSURE

EXEMPTION 10

REQUEST FOR RELIEF

Component: Pressure-retaining bolting

Class: 2

Inspection Requirements: Visual, surface, and volumetric examination of pressure-retaining bolting exceeding one inch in diameter, examination category C-D.

Basis for Relief: Examination of class 2 pressure-retaining bolting in accordance with the Summer 1975 Addenda of Section XI exceeds inspection requirements for class 1 pressure-retaining bolting. We do not feel an increased level of safety is obtained from a more restrictive examination of class 2 components. An examination program for class 2 pressure-retaining bolting similar to that for class 1 would be desirable. This type of examination has been incorporated in the 1977 Edition, 1978 Addenda of Section XI, which Sequoyah will be required to meet in the future.

Alternate Inspection: Class 2 pressure-retaining bolting exceeding two inches in diameter shall be volumetrically examined in accordance with Table IWC-2500-1, examination category C-D of the 1977 Edition, Summer 1978 Addenda of Section XI. Pressure-retaining bolting two inches or less in diameter will not be examined.

EXEMPTION 11

REQUEST FOR RELIEF

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| <u>Components:</u> | Reactor coolant pumps (four per unit) |
| <u>Class:</u> | 1 |
| <u>Inspection Requirement:</u> | Volumetric examination of pressure-retaining welds in pump casing, examination category B-L-1. |
| <u>Basis for Relief:</u> | Each reactor coolant pump casing consists of a two-piece welded type 304 SST casting. The present capability of ultrasonic testing is not sufficient to examine cast material of this thickness and achieve meaningful results. |
| <u>Alternate Inspection:</u> | All four welds will be surface examined for the preservice baseline, and one weld will be surface examined during each inspection interval. |