

EXHIBIT 1  
CH35 WNTX-LP  
ISLAND  
BCSTGB.

Calculation of occupational radiation  
exposure (controlled environments)

$$P (\text{mw/cm}^2) = \frac{33.4 \times .1 \times .1 \times 5 \times 120}{3.4 \times 3.4} = 1.73 \frac{\text{mw}}{\text{cm}^2}$$

$$\text{maximum allowed} = 599/300 = 2.0 \frac{\text{mw}}{\text{cm}^2}$$