

PLEASE FAX THE FOLLOWING INFORMATION TO US TO COMPLETE THE SHIELDING CALCULATIONS FOR YOUR FACILITY:

ARCHITECTURAL AND EQUIPMENT INFORMATION TO BE SUPPLIED TO THE QUALIFIED RADIATION EXPERT FOR USE IN SHIELDING DESIGN

A. ARCHITECTURAL

1. Drawings of radiation rooms and adjacent area; scale preferred $\frac{1}{4}$ inch = 1 foot, or larger, including position of radiation source, doors and windows.
2. Information about occupancy above, below and adjacent to radiation rooms.
3. Type of proposed or existing construction of floors, ceilings and walls.
4. For megavoltage therapy installations, including cobalt, vertical sections and plot plans.

B. EQUIPMENT

1. Below 150 kV:
 - a. Purpose: therapy, radiography, fluoroscopy, special procedures, cystoscopy, etc.
 - b. kV and expected weekly workload, if known (Example: 12 patients/week)
2. 150 kV and above, including gamma beam apparatus
 - a. kV, or type of gamma source
 - b. mA or R per minute at 1 meter
 - c. Weekly workload, if known, expressed in mA min, or R at 1 meter
 - d. Restrictions in beam orientations with and without beam interceptor, if any.
 - e. Use factor for walls and ceiling, if known.
 - f. Leakage radiation of source housing with beam "ON".
 - g. Attenuation by beam interceptor, if any,
3. Possible future increases in workload and radiation energy and modification in beam orientation.