

TEMPLE UNIVERSITY
SCHOOL OF MEDICINE
BROAD AND ONTARIO STREETS
PHILADELPHIA, PA.

Philadelphia
Penn. U.S.A.
May 20th 1935.

The Secretary
Anti-Cancer Campaign
General Committee.

Dear Sir,

I have made enquiries from the General Electric XRay Corporation, Chicago & from different hospitals in U.S.A. as to the price, life etc. of watercooled deep Xray therapy tubes.

The Gen. Elect. Xray Corp. no longer manufacture a watercooled tube; but merely attend to any replacements.

However, they have substituted an oilcooled tube which is generally considered to be more economical & better as a shockproof tube.

Questioned as to tube life, the manager of the Gen. Elect. said, that it was not their policy to discuss tube life, as so many factors came into it.

Voltage & milliamperage mainly determining how long a tube will operate, as well as efficient cooling & technical care.

On $\frac{1}{2}$ being pressed, he gave the minimum average life as 400 hours at 25 milliamperes & the maximum average as 1000 hours, 25 milliamperes, operating at 200 kilovolts.

Many tubes exceed 1000 hours & if a tube lasted only 400 hours, due allowance would be made on the replacement.

Water or oilcooled tubes are being used in most hospitals in U.S.A. & considered entirely satisfactory.

I am enclosing prices quoted at the Gen. Elect. X-ray Corp. factory & under separate cover, posting a catalogue with a description of the X.P.T. tube.

Yours faithfully
Colin Gurner

P.S. Water may be used instead of oil
in the X.P.T. tube.