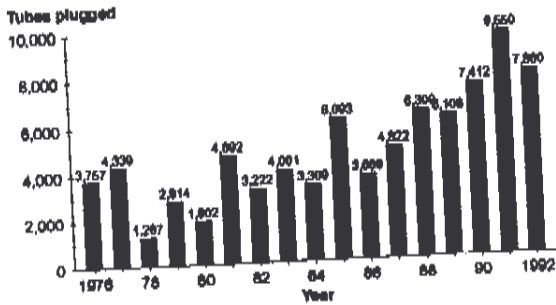


### N332. Tube Problems: Worldwide Statistics Reviewed

EPR's Steam Generator Strategic Management Project issues an annual report on the progress being made in tackling steam generator problems worldwide. It contains a wealth of detailed statistics on the status of operating units and degradation mechanisms encountered.

Figure 1. Steam Generator Tubes Plugged Per Year Worldwide



From 1976 to 1992, the average percentage of reactors plugging steam generator tubes has remained fairly constant, at around 45%, with some 50% of operating units needing to plug tubes in 1992.

Figure 2. U.S. PWR Capacity Factor Components 1980-84 (Left Chart) and 1992 (Right Chart)

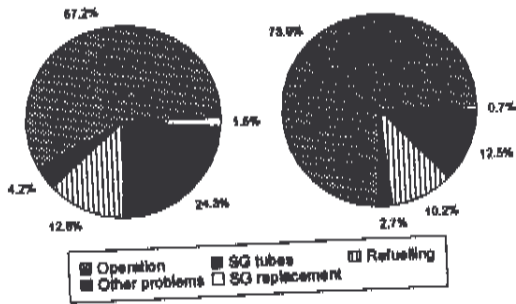


Figure 1 shows the total number of tubes plugged per year from 1976 onwards; Figure 2 shows US PWR capacity factor components, for 1980-84 and 1992.

For more, "Tube Problems; Worldwide Statistics Reviewed," *Nuclear Engineering International*, pp. 20-22, January 1994.