

**Submission No. 58**

**From:** Manuel Needleman  
**Sent:** Tuesday, 28 June 2005 1:09 PM  
**To:** Prosser, Geoffrey (MP)  
**Subject:** Nuclear Power Inquiry

I would like to submit to your Inquiry the following.

The larger a nuclear power generating stations is the greater is public anxiety.  
Extra generating capacity is needed to cope with peak power demand.  
Large Hydro -electric stations need large dams thus starving surrounding area of water.  
Electric generating stations run most efficiently when running 24 hours per day.

Therefore I suggest you Committee examine the possibility and advantages of having a small nuclear power station beneath a small dam which feeds a generating turbine.

The idea being that both are small and cost effective as the hydro dam is used to generate electricity for peak time usage and the nuclear station runs 24 hours a day to pump the water running down through the turbines, back up to the upper dam. Thus water is saved by being reused and both stations run at maximum efficiency.

The complex could be built in a country area thus boosting employment.

Yours sincerely

(Dr Manuel Needleman)

29/06/2005