

Dear Sir

I write to strongly object to the proposals to build the UK Advanced Boiling Water Reactors that Hitachi wants to build at Wylfa and Oldbury. I understand that under UK/EU law each reactor design has to be justified and I cannot possibly see how this design can be sanctioned in the UK for the following reasons.

1. None of the 4 ABWRs in Japan are currently operational and when they were in service, their performance was poor and turned out to be a highly expensive investment with poor returns ie. Between 2006 and 2010, the 4 ABWRs managed a load factor of under 45%. These reactors are priced on 80-90% load factor so the ABWR has obviously performed very poorly in Japan.

2. Hitachi are clearly looking for new markets since the problems in Japan and all of the evidence indicates that nuclear reactors are never built to time or cost. Consequently we as consumers will pay inflated electricity bills to pay for price over-runs. We know that there will be subsidies involved and this means that money will be diverted away from renewable energy technologies towards the nuclear option as it sucks up more resources. So there is a real danger we will be hit through our taxes to subsidise even further the genuine market failure that is nuclear power.

3. In relation to Wylfa there are other distinct and unique detriments from siting 2 ABWRs there. Of all the nuclear sites in Britain, Wylfa is unique in being situated on an island off the mainland. In the event of a serious accident at Wylfa and a serious release of radioactivity into the atmosphere, how would the island's population be evacuated over two bridges which are already congested. In addition what will Anglesey gain as Hitachi/Horizon have already publicly admitted that at least 75% of the building workforce would come from outside the local area, i.e. the whole of North Wales to Cheshire and Merseyside.

4. The KiKK report initiated and accepted by the German government concludes that there is a 37% increase in leukaemias in children under 5 years old within 5 km of German nuclear plants. There is also an increase of 28% in solid cancers. Similar conclusions have been drawn by subsequent studies in France and Switzerland. The KiKK report was published before the Fukushima disaster and could well be a factor in Germany's decision to close all its reactors by 2022.

Please confirm receipt of this objection

Mag Richards