

To whom it may concern,

I am opposed to the construction of the Advanced Boiling Water Reactor at Wylfa for the following reasons:

- The KiKK report initiated and accepted by the German government conclude 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. These are very good reasons not to justify the Hitachi ABWR.
- None of the 4 ABWRs in Japan are currently operational. When they were in service, their performance was not impressive. Between 2006 and 2010, the 4 ABWRs managed a load factor of under 45%. There must have been technical difficulties and unplanned stoppages. These reactors are priced on 80-90% load factor so the ABWR has obviously performed very poorly in Japan and turning out to be a highly expensive investment with poor returns. Curiously, the Nuclear Industry Association don't mention the problems with the Japanese ABWR.
- Hitachi will no doubt be looking for a generous strike price guaranteed over 35 years as is the case with EDF's agreement with DECC for Hinkley C. We as consumers will pay inflated electricity bills to pay for this strike price. There is also the concern that the government's Levy Framework Control will divert money away from renewable energy technologies towards the nuclear cuckoo in the nest. 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.
- 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 daily at rush hours, and even more regularly during the summer months with increased traffic levels.
- Ynys Môn is the second most Welsh speaking county in Wales with 58% of the island's population speaking Welsh. The influx of 6000 construction workers for building Wylfa B is bound to dilute the percentage of Welsh speakers in the island's communities. 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.
- The question of how to safely deal with the radioactive waste from nuclear reactors remains unsolved. I consider it therefore irresponsible to add to this already costly and unresolved problem by building new nuclear power stations.

Yours sincerely,  
Jonathan Garratt