

Dear Sir / Madam,

The Department of Energy and Climate Change has invited comments about the above application, to justify the UK Advanced Boiling Water Reactor Hitachi new build at Wylfa and Oldbury Power Stations

The KiKK report initiated and accepted by the German government conclude that there is a 37% increase in leukaemia's 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 is a factor in Germany's decision to close all its reactors by 2022.

Currently all Nuclear reactors in Japan are closed, and Hitachi design worldwide is under scrutiny and considered un-safe in many countries.

The above are very good reasons not to justify the Hitachi ABWR new build at Wylfa North Wales.

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.

There are other distinct and unique detriments from constructing 2 ABWRs at Wylfa. 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 in to 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.

- 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

Local campaigners state that Anglesey has a welcoming community to a new nuclear power station? Without a referendum that statement cannot be justified.

Many local people have serious concerns about a new development and require further consultation and guarantees on many aspects.

Please consider my comments

Yours Sincerely
Colin Hawkins