

Barry/Vale Friends of the Earth
Cyfeillion y Ddaear, y Barri a'r Fro
14 Robert Street, Barry CF63 3NX



Cyfeillion y Ddaear

PETITION to the Presiding Officer of the National Assembly
for the *Petitions Committee* of the Assembly.

Please find the enclosed petition signed by 20 residents for consideration under the National Assembly's procedures.

We petitioners seek tighter conditions on pollution from Aberthaw Power Station.

The main part of the petition reads:

we ask for your help to get the EA to address weaknesses in its new (draft) licence as published in early November, and seek specific changes:

- on abating NOx, bring forward the review of SCR technology to January 2009 instead of 2012
- continue monitoring of NO2 and SO2 at the Font-y-gary site, at least until the effect of changes due to the FGD and lower plume are clear
- for the ash processing plant, set controls on the dust, NOx and mercury emissions
- on ultrafine PFA dust particles, add requirements on the licensee to measure the particles and the special hazards arising from their extreme fineness and their chemical constituents when inhaled or ingested.


In support of the explanation given, we would be ready to submit written evidence, pictures and witness statements as appropriate.

The contact details for this Petition are:

Max Wallis <wallismk@cf.ac.uk>

Barry & Vale Friends of the Earth

Tel. 029 2021 0708 or 2087 6436

signed  date 9 Dec 2007

PETITION to the Presiding Officer of the National Assembly
for the *Petitions Committee* of the Assembly.

December
2007

Seeking tighter conditions on pollution from Aberthaw Power Station

We ask for your help to get the EA to address weaknesses in its new (draft) licence as published in early November, and seek specific changes:

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Explanation

Aberthaw power station is a substantial polluter, both in terms of dust mainly from the flyash and in terms of invisible emissions. Its sulphur dioxide is to be abated when new technology (FGD) comes in next year, but nitrogen oxides (NOx) will increase and impact more locally because the plume will rise less and ground more frequently. The Countryside Council for Wales (CCW) has argued for requiring NOx abatement via SCR technology, saying the plant will be the second largest NOx emitter in Europe and that the Habitats legislation allows or requires action on NOx. But the Environment Agency (EA) just over-ruled CCW. The EA is also proposing to discontinue the requirement on the power station to monitor pollutants from the plume at the Font-y-Gary monitoring station, although this monitoring caught infringement of the air quality standard in 2005 and there is sufficient reason to believe this may happen again with a more frequently grounding plume. The other major concern is over PFA dust. The Food Standards Agency states PFA dust could be hazardous if it gets into the food chain - and we gave the EA evidence on how the dust is reaching homes, locally-grown food, etc. Our scientific advisers say the ultrafine dust particles in particular can and do get into lungs and other organs of local residents. Though the EA claims its controls should deal with it, they are inadequate and the EA are not requiring use of modern instruments to measure the fine and ultrafine dusts. A new ash processing plant is included in the license, but without limits on stack emissions of dust and NOx. It appears the EA has let the plant through as minor and unimportant, omitting to require full information on its emissions.

We understand that it is within the powers of the Welsh Assembly Government to issue guidance to the EA, including support for CCW's argument for abating NOx.

NAME	ADDRESS	SIGNATURE
KEITH STOCKDALE	14 ROBERT ST BARRY	[Signature]
JOANNE HOYT	16 MAURA ST BARRY	J. Hoyt
Rw Lloyd	THE HAVEN near EAST ABERTHAW	R. Lloyd
Betty Allen	Jyle House Weel Rd Aberthaw	B. Allen
A Z Allen	Yrli house Weel Rd	A Z Allen
IRIS BRISCOLL	Lower Farm House E. Aberthaw	[Signature]
GWYNETH SANDERS	MARSH COTTAGE E.A	[Signature]
D. R. SANDERS	MARSH COTTAGE E. ABERTHAW	[Signature]
B. MCKAY	9 BURTON TERRACE EAST ABERTHAW	[Signature]
M HAMPTON		[Signature]