



AES Kilroot Power Limited  
Larne Road  
Carrickfergus  
BT38 7LX  
United Kingdom

30<sup>th</sup> May 2018

Dear Sir / Madam,

AES Kilroot is a fully owned subsidiary of the AES Corporation since 1992. AES Kilroot owns and operates Kilroot Power Station, which is located on the north shore of Belfast Lough, in Carrickfergus, Northern Ireland. Kilroot Power Station is a 662MW dual coal/oil fired station with a workforce of 127 people. The plant, which normally operates on coal, is fitted with Flue Gas Desulphurisation and Oxides of Nitrogen reduction equipment. In addition to the two coal/oil fired units, the plant has four open cycle gas turbines.

AES Kilroot purchased two off Boiler Leak Detection Systems from Procon Engineering for our Units 1 and 2 in 2014. The Leak Detection systems each comprised of 22 acoustic sensors, 2 structure borne sensors, with head amplifiers mounted on the boiler side and a self-contained control system mounted in the ground floor equipment room. The data from the equipment room is transmitted to our offices for analysis and monitoring via our plant SCADA system.

The Leak Detection systems have both been successfully installed and commissioned. To date we have found their performance to be excellent. The pre-warning of early leak detection has enabled us to schedule any repairs which has proved to be both timely and cost effective.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Stuart Larmour', with a long horizontal flourish extending to the right.

Stuart Larmour | Team Leader, Planning & Projects | **AES UK & Ireland**

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