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Ms Dinuka McKenzie
Major Infrastructure Assessment
Department of Planning
23-33 Bridge Street, Sydney NSW 2000

11 August 2009

Dear Dinuka,

Re: Gloucester Gas Project MP08_0154 - Project Amendments

AECOM on behalf of AGL Gloucester L. E. Pty Ltd (AGL) would like to advise the Department of Planning (DoP) of amendments to the Gloucester Gas Project made following adequacy review, which were discussed at the meeting held with yourself, AGL and AECOM on 3 March 2009.

Amendments to the Project since adequacy review include the following, for which Concept and concurrent Project Approval is sought:

- Change to the location of the Central Processing Facility (CPF), and inclusion of a second CPF location for Project Approval, on the condition that only one CPF would be constructed at one of the assessed locations only;
- Inclusion of a small scale 15 megawatt (MW) ancillary power generation facility within the footprint of the CPF;
- Inclusion of a construction workforce camp during the drilling program in the Stage 1 Gas Field Development Area (GFDA), and a construction workforce camp for the construction of the gas transmission pipeline; and
- Minor amendments to the alignment of the 100 m Project Area pipeline corridor.

These amendments to the project have been considered in respect of the Director-General's Requirements (DGRs) issued on 26 August 2008.

In relation to the ancillary power generation facility, a comprehensive assessment of potential air quality impacts has been undertaken in accordance with the DGRs. The assessment methodology includes dispersion modelling in accordance with the guidelines provided in the Department of Environment and Climate Change's (DECC) *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (the Approved Methods) (DECC, 2005). Pollutant emissions from the power generators have been estimated based on a combination of manufacturer's specifications, National Pollutant Inventory (NPI) emission factors and gas usage rates provided by the manufacturer. The pollutants assessed include:

- Nitrogen dioxide (NO₂);
- Carbon monoxide (CO);
- Particulate matter (PM₁₀);
- Total volatile organic compounds (Total VOCs); and
- Formaldehyde.

The ancillary power generation facility is proposed within the footprint of the CPF, and as such a comprehensive air quality assessment would be undertaken at each of the proposed CPF locations.

Issues raised by DoP in the adequacy review comments in relation to the air quality assessment will be taken into consideration in respect of the ancillary power generation facility.

Prior to lodgment of the revised Environmental Assessment, AECOM would like to arrange a meeting with you to provide an overview of the amendments to the project since adequacy review.

Should you wish to discuss the amendments outlined in this letter, please do not hesitate to contact Ruth Baker on 8484 8910.

Yours sincerely,

ENSR Australia Pty Ltd (trading as AECOM)



Kate Tilden
Project Environmental Scientist



Ruth Baker
Principal Environmental Consultant

Enclosures:

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