



24 May 2010

Director-General
Department of Planning
GPO Box 39
Sydney NSW 2001

Attention: Mr Scott Jeffries
Director - Major Infrastructure Assessment

Dear Scott

**Re: Uranquinty Gas-fired Power Station (DA-31-2-2004-i)
Proposed Development Consent Modification - Addition of a 60 metre weather mast.**

I am writing to seek a modification to the Development Consent for the Uranquinty Power Station (UPS), located in Uranquinty NSW and operated by Uranquinty Power PTY LTD.

On 18/12/09, the Department of Planning approved the UPS Operational Environmental Plan - Noise Measurement Procedure. In this procedure, *section 3.3 - Weather*, discusses that Origin will investigate the installation of a weather mast to allow for direct measurement of temperature inversions rather than rely on temperature inversions being calculated using Sigma Theta from data collected from the existing 10 metre weather tower on-site.

This Development Consent modification is to gain DoP approval for a 60 metre weather tower to be constructed at the UPS site.

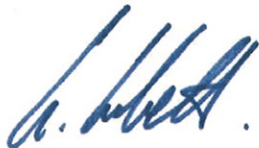
Origin has discussed with DoP the installation of a 60 metre weather mast and the issue raised by DoP personnel was aviation safety. To this end Origin has had correspondence with the Wagga Wagga City Council Airport Manager and CASA. The correspondence of these discussions is attached, but overall CASA and Wagga Wagga City Airport do not have an issue with the installation of a 60 metre weather tower at the UPS site.

The installation details and location of the proposed weather mast is detailed in the attached correspondence to the Wagga Wagga City Council General Manager dated 8 January 2010.

If you require any further information, please do not hesitate to contact myself on 0419 648 171.

Page 1 of 2

Yours sincerely

A handwritten signature in blue ink, appearing to read 'G. Corbett'.

Guy Corbett
Environmental Advisor
Origin Energy Uranquinty Power Pty Ltd

Attached:

DOP - Application to Modify a Development Consent form

Letter to Wagga Wagga City Council General Manger- 8 January 2010-05-03

Email correspondence between Origin and Wagga Wagga City Council Airport Manager and CASA - Various dates.

Application to modify a development consent

Date lodged: 2/6/10



NSW GOVERNMENT
Department of Planning

DA modification no. DA 31-2-2004: MOD 6
(Office use only)

1. Before you lodge

This form is to be used for applications to modify Part 4 development consents under section 96 or 96AA of the *Environmental Planning and Assessment Act 1979* (EP&A Act). This form is also to be used for Part 4 development consents that are to be modified under section 75W of the Act.

Disclosure statement

Persons lodging modification applications are required to declare reportable political donations (including donations of or more than \$1,000) made in the previous two years. For more details, including a disclosure form, go to www.planning.nsw.gov.au/donations.

Lodgement

Anyone wishing to lodge an application is recommended to call the Department of Planning to discuss their proposal and modification application requirements prior to lodging their application. You can lodge your completed form, together with attachments and fees at the relevant Department of Planning office listed below. Please lodge Part 4 modification applications with the Department of Planning head office or, for modification applications that are within the Kosciuszko ski resorts area, the Department's Alpine Resorts team.

NSW Department of Planning
Head Office
Ground Floor, 23-33 Bridge Street, Sydney NSW 2000
GPO Box 39 Sydney NSW 2001
Phone: 1300 305 695 Fax: (02) 9228 6555
Email: information@planning.nsw.gov.au

NSW Department of Planning
Alpine Resorts Team
Shop 5A, Snowy River Avenue
PO Box 36, Jindabyne NSW 2627
Phone: (02) 6456 1733 Fax: (02) 6456 1736
Email: alpineresorts@planning.nsw.gov.au

To minimise delay in receiving a decision about your application, please ensure you submit all relevant information to the Department. When your application has been assessed, you will receive a notice of determination.

2. Applicant and contact details

Company/organisation/agency		ABN	
Origin Energy Uranquinty Power Limited		93 008 289 398	
☒ Mr ☐ Ms ☐ Mrs ☐ Dr ☐ Other			
First name		Family name	
Matthew		Hallam	
STREET ADDRESS			
Unit/street no.	Street name		
280	Uranquinty Cross Road		
Suburb or town	State	Postcode	
Uranquinty	NSW	2652	
POSTAL ADDRESS (or mark 'as above')			
GPO Box 46			
Suburb or town	State	Postcode	
Uranquinty	NSW	2652	
Daytime telephone	Fax	Mobile	
02 6927 0101	02 6927 0150	0417 600 237	
Email			
matthew.hallam@originenergy.com.au			

3. Property description

Unit/street no. (or lot no. for Kosciuszko ski resorts)	Street or property name	
280	Uranquinty Cross Road	
Suburb, town or locality	Postcode	Local government area
Uranquinty	2652	Wagga Wagga

Lot/DP or Lot/Section/DP or Lot/Strata no.

Please ensure that you put a slash (/) between lot, section, DP and strata numbers. If you have more than one piece of land, you will need to separate them with a comma e.g. 123/579, 162/2.

Lot 1 DP 1098910

Note: You can find the lot, section, DP or strata number on a map of the land or on the title documents for the land, if title was provided after 30 October 1983. If you have documents older than this, you will need to contact the NSW Department of Lands for updated details. If the subject land is located within the Kosciuszko ski resorts area, DP and strata numbers do not apply.

4. Details of the original development consent

Briefly describe your approved development in the space below. If the development has been modified previously you must list all previous modifications and the relevant determination date(s).

10/06/2005 - 600MW Gas Fired Power Station - DA-31-2-2004-i

8/08/2006 - DA Modification - Stage 2 of development combined with stage 1.

6/07/2007 - DA Modification - Change to operational noise limits for the development.

18/12/2008 - DA Modification - Administrative corrections to wording of DA.

14/07/2009 - DA Modification - Approval for the building of a storage shed on-site.

11/12/2009 - DA Modification - Recognition of Negotiated Agreements and definition of residential dwellings.

What was the original development application no.?	What was the date consent was granted?	What was the original application fee?
DA-31-2-2004-i	10/6/2005	\$2656.50

5. Type of modification

An application under section 96 of the EP&A Act is an application to modify a development consent. Modifications to a development consent can also be made under section 75W of the EP&A Act, or section 96AA for court granted consents.

There are five types of modification applications. Please tick the type of modification application that is being sought:

- ☐ Section 96(1) involving minor error, misdescription or miscalculation.
- ☒ Section 96(1A) involving minimal environmental impact, where the development as originally approved

remains substantially the same.

- ☐ Section 96(2) other modification, where the development as originally approved remains substantially the same.
- ☐ Section 96AA modification of consent granted by the Land and Environment Court, where the development as originally approved remains substantially the same.
- ☐ Section 75W modification, involving use of Part 3A processes to modify the Part 4 consent.

Note: If the proposed modification will lead to the consented development being not 'substantially the same' (except in the case of a proposed modification under section 75W) then you will need to submit a new development application.

6. Extent of modification

Will the modified development be substantially the same as the development that was originally approved?

No ☐ > Please submit a new development application.

Yes ☒ > Please provide evidence that the development will remain substantially the same. (If you need to attach additional pages, please list below the material attached).

This application proposes the addition of a 60 meter weather mast on-site to improve the weather data currently collected from the cu10 metre mast on-site.

Note: Question 6 does not apply to proposed modifications under section 75W.

7. Description of modification

- In the case of a section 96(1) application, indicate the nature of the minor error, misdescription or miscalculation in the space below.
- In the case of a section 96(1A), section 96(2) or section 96AA application describe the impact of the modification in the space below. A statement of environmental effects will need to accompany the application, which includes an assessment of the development as proposed to be modified in accordance with section 79C(1) of the EP&A Act. Provisions of the *Heritage Act 1977* may also apply for works to a heritage item or works adjoining a heritage item.
- In the case of a section 75W application under clause 8J(8) of the Environmental Planning and Assessment Regulation 2000, a development consent in force immediately before the commencement of Part 3A of the Act may be modified under section 75W as if the consent were an approval under that Part. However, approval from the Minister is required to lodge a section 75W application. **Applicants should contact the Department first if they are considering applying for a modification under section 75W.**

Regardless of the type of modification, please state below the specific conditions of consent to be modified, deleted or additional conditions request, and details of any other changes being sought.

This application proposes the construction of a 60 metre weather mast that will allow the measurement of temperature inversions on-site rather than the current method of mathematically calculating the extent of a temperature inversion using Sigma Theta and the current 10 metre weather tower on-site.

Please refer to accompanying letter.

Note: If your proposal is within Kosciuszko ski resorts area, please attach a copy of the Interim Lease Variation Approval received from the Department of Environment and Climate Change to your application.

8. General terms of approval from State agencies

If the original development application was classified as integrated development and required approval from one or more State agencies, list them in the space below and their respective general terms of approval. Depending on the type of modification, it may be necessary to refer the modification application to the approval body.

Department of Environment, Climate Change and Water -
Environment Protection Licence 12490.

9. Number of jobs to be created

Please indicate the number of jobs the proposed development will create. This should be expressed as a proportion of full time jobs over a full year, (e.g. a person employed full time for 6 months would equal 0.5 of a full time equivalent job; six contractors working on and off over 2 weeks equate to 2 people working full time for 2 weeks, which equals approximately 0.08 of an FTE job).

Construction jobs (full time equivalent)

Operational jobs (full time equivalent)

10. Application fee

Part 15 of the Environmental Planning and Assessment Regulation 2000 sets out how to calculate the fees for an application for modification of a development consent. If your development needs to be advertised to the public you may also need to include an advertising fee.

Note: Advertising fees attract GST, all other fees do not.

Please contact the Department in order to calculate the fee for your modification application.

Estimated cost of the development	Original application fee	Total fees lodged
\$50,000		\$500

11. Political donation disclosure statement

Persons lodging modification applications are required to declare reportable political donations (including donations of or more than \$1,000) made in the previous two years. Disclosure statements are to be submitted with your application.

Have you attached a disclosure statement to this application?

Yes ☐

No ☒

Note: For more details about political donation disclosure requirements, including a disclosure form, go to www.planning.nsw.gov.au/donations.

12. Owner's consent

The owner(s) of the land to be developed must sign the application. If you are not the owner of the land, you must have all the owners sign the application. If the land is Crown land, an authorised officer of the NSW Department of Lands must sign the application. **An original signature must be provided.**

As the owner(s) of the above property, I/we consent to this application:

Signature

Name

Date

Signature

Name

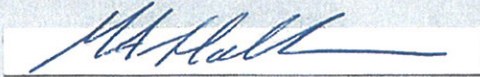
Date

Note: For applications within the Kosciuszko ski resorts area, the approval of the lessee rather than the owner is required.

13. Applicant's signature

The applicant, or the applicant's agent, must sign the application. Only an original signature will be accepted (photocopies or faxed copies will not be accepted).

Signature



In what capacity are you signing if you are not the applicant

Plant Manager

Date

24/5/2010.

Name, if you are not the applicant

Matthew Hallam

14. Privacy policy

The information you provide in this application will enable the Department, and any relevant state agency, to assess your application under the *Environmental Planning and Assessment Act 1979* and other applicable state legislation. If the information is not provided, your application may not be accepted.

If your application is for designated development or advertised development, it will be made available for public inspection and copying during a submission period. Written notification of the application will also be provided to the neighbourhood. You have the right to access and have corrected any information provided in your application. Please ensure that the information is accurate and advise the Department of any changes.



Origin Energy Uranquinty Power Pty Limited

ACN 120 384 938

Site Address · 280 Uranquinty Cross Roads · PO Box 46 Uranquinty NSW 2652

Site Office · T +61 2 6927 0100 · F +61 2 6927 0150

8 January 2010

General Manager
Wagga Wagga City Council
GPO Box 20
Wagga Wagga NSW 2650

Attention: Steve Prose
Manager Wagga Wagga Airport

Dear Steve

Re: Uranquinty Gas-fired Power Station (UPS) - Addition of 60 Metre Weather Tower

As we discussed on the phone, the UPS is planning to install a 60 meter weather tower on-site. This tower is to provide more accurate information than is currently being provided from the existing 10 meter weather station on-site.

I have discussed the proposed weather tower with the Department of Planning (DoP) and the proposed tower will require a modification to the existing site Development Consent. The main issue DoP had was if the proposed tower was going to impact on flight patterns around the UPS or the operation of the Wagga Wagga City Airport. As such, as requested by you in our phone conversation, I have attached to this letter a number of drawings -

- Regional UPS site location
- Aerial photo of UPS showing proposed location of weather tower
- Site drawing showing proposed location of weather tower
- Proposed weather tower drawing from manufacturer.

I hope the attached information provides enough detail to allow you to determine if the proposed tower will affect aircraft traffic around the UPS or operations at Wagga Wagga City Council. If you require more information please contact myself. If it assists I am more than happy to come to your office to discuss further or I can organise a site meeting at the UPS if you require.

Yours sincerely

A handwritten signature in blue ink, appearing to read "Guy Corbett".

Guy Corbett
Environmental Advisor
Origin Energy Uranquinty Power Pty Ltd
0419 648 171

Figure 1 Regional UPS Site Location



Figure 2. Aerial photo of UPS showing proposed location of weather tower

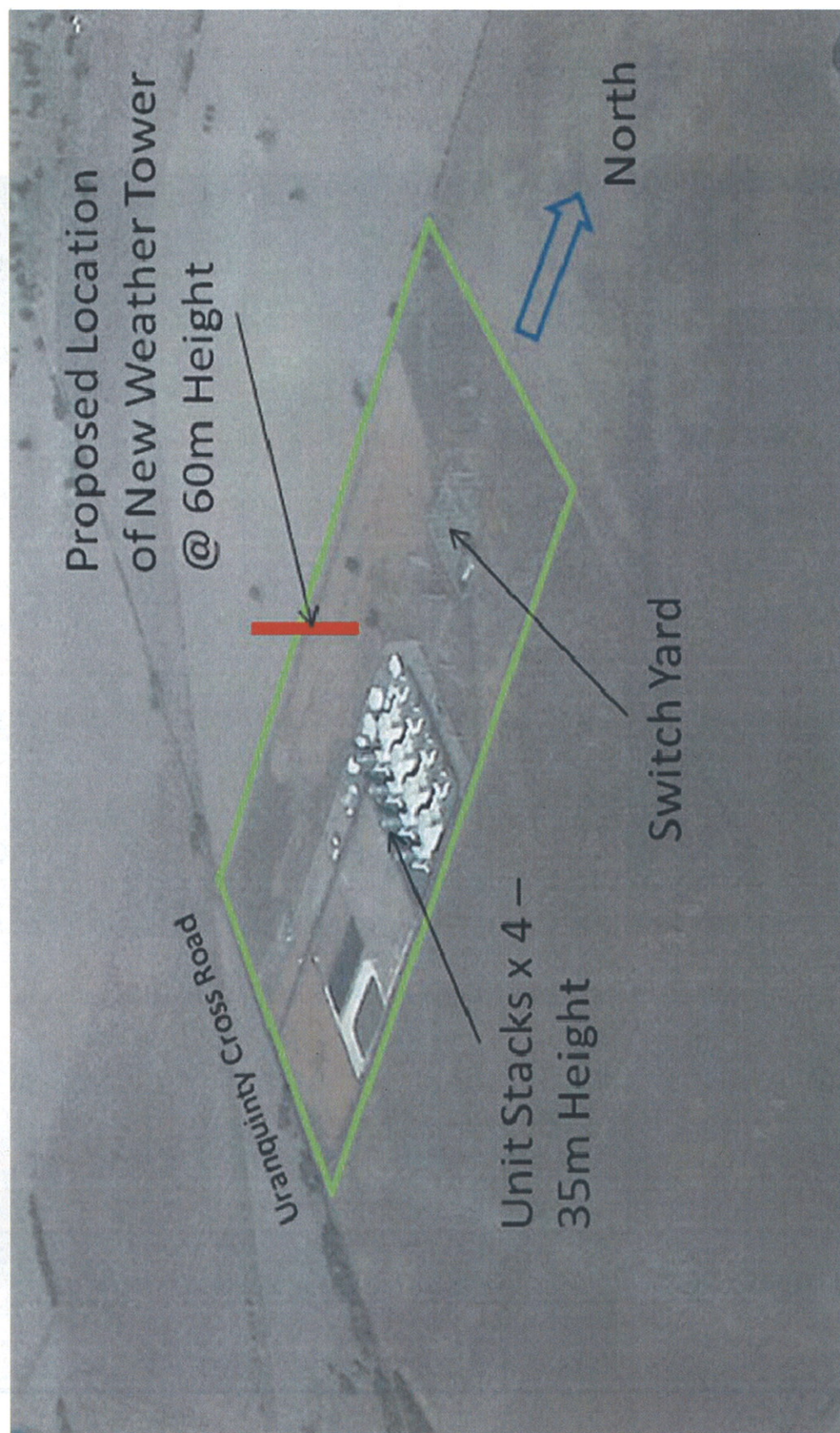
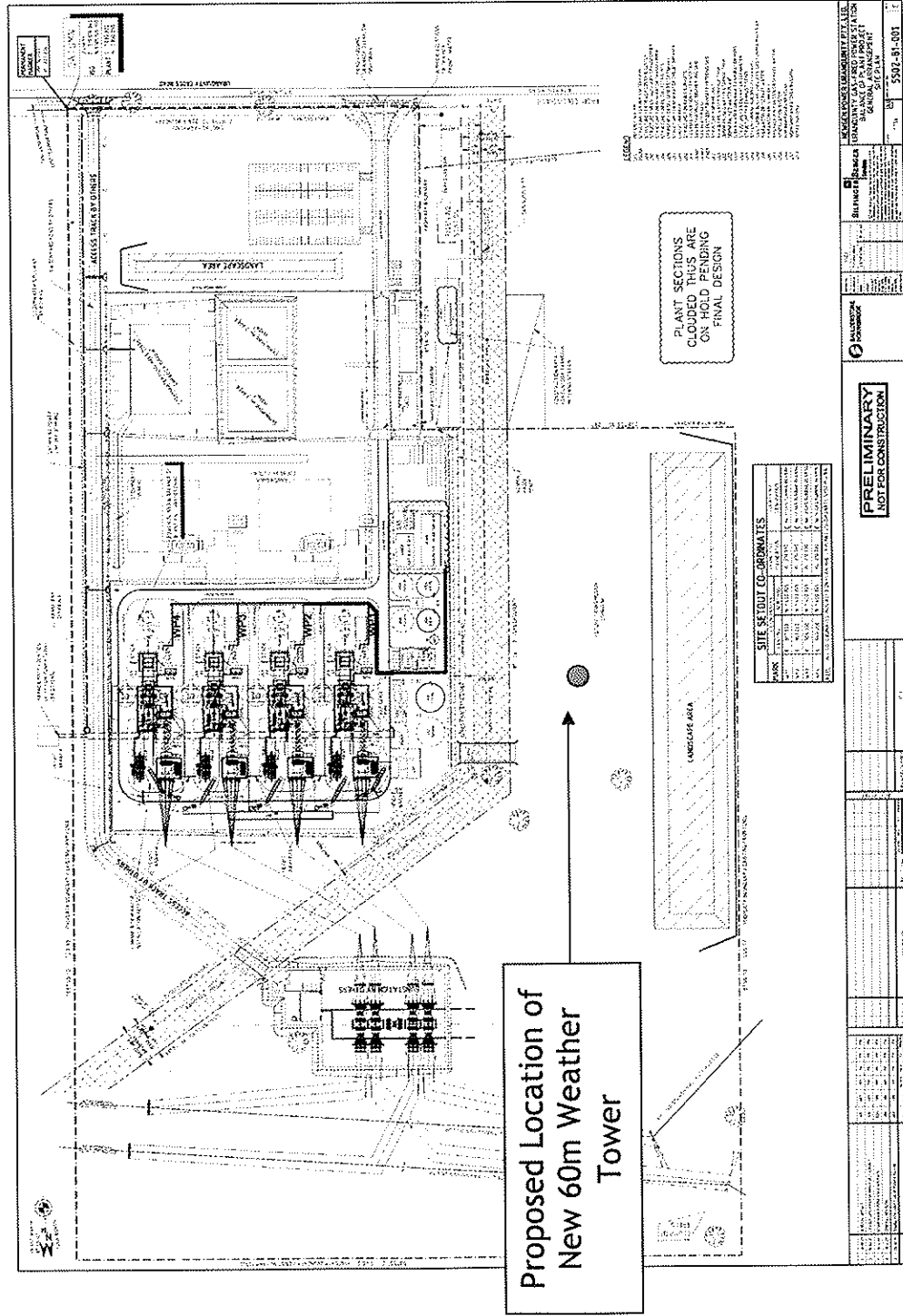


Figure 3 Site drawing showing proposed location of weather tower



From: [Prowse, Stephen](#)
To: [Corbett, Guy](#);
Subject: FW: 100108 Letter to WWCC Airport - Proposed Weather Tower.pdf [SEC=UNCLASSIFIED]
Date: Tuesday, 27 April 2010 1:18:54 PM

Hello Guy,

My apologies for the delay on this. As you can see below, CASA have considered this internally, and assessed that there is no requirement to forward it to Airservices Australia for assessment. CASA have also advised that they do not have an issue with the installation of the weather tower.

Please advise if I can be of any further assistance.

Kind regards

Stephen Prowse CA
Manager, Airport
Wagga Wagga City Council
PO Box 20, Wagga Wagga NSW 2650
P 02 6926 9254 | P02 6922 8358 (Airport Office)
M 0407415371 | E prowse.stephen@wagga.nsw.gov.au
[Wagga.Wagga.City.Council](#)
[Wagga Wagga Airport](#)
[Tourism.Wagga.Wagga](#)
[Business.Wagga.Wagga](#)

From: Hain, Joe [<mailto:Joe.Hain@casa.gov.au>]
Sent: Tuesday, 27 April 2010 13:06
To: Prowse, Stephen
Subject: FW: 100108 Letter to WWCC Airport - Proposed Weather Tower.pdf [SEC=UNCLASSIFIED]

Hi Stephen,

Please find attached information regarding the Uranquinty gas fired power station. There is no issue from CASA with the installation of the tower.

Regards,

Joe Hain

Aerodrome Inspector
Civil Aviation Safety Authority
GPO Box 2005, Canberra ACT 2601
P: 131 757
E: joe.hain@casa.gov.au

From: CHALK, MARTIN
Sent: Tuesday, 30 March 2010 09:58
To: Hain, Joe
Subject: RE: 100108 Letter to WWCC Airport - Proposed Weather Tower.pdf [SEC=UNCLASSIFIED]

Hi Joe,

This tower is at the site of the Uranquinty gas fired power station. The power station has been previously assessed by AsA for plume rise that exceeds the height of the proposed wind monitoring tower. I have checked the published information and they are clear of the proposed tower - there is no need to forward this proposal to AsA.

Cheers,

Martin

From: Hain, Joe
Sent: Monday, 1 March 2010 09:30
To: CHALK, MARTIN
Subject: FW: 100108 Letter to WWCC Airport - Proposed Weather Tower.pdf [SEC=UNCLASSIFIED]

Hi Martin,

I spoke to you about the attached proposed wind monitoring mast at Uranquinty power station to the south east of Wagga Wagga. At the time you asked for further details which is now attached.

Can you make a brief assessment and let me know if this needs to be referred to Airservices Australia please?

Regards,

Joe Hain

Aerodrome Inspector
Civil Aviation Safety Authority
GPO Box 2005, Canberra ACT 2601
P: 131 757
E: joe.hain@casa.gov.au

Regards,

Joe Hain

Aerodrome Inspector
Civil Aviation Safety Authority
GPO Box 2005, Canberra ACT 2601
P: 131 757
E: joe.hain@casa.gov.au

From: Prowse, Stephen [mailto:Prowse.Stephen@wagga.nsw.gov.au]
Sent: Monday, 18 January 2010 18:04
To: Hain, Joe
Cc: Blackett, George
Subject: FW: 100108 Letter to WWCC Airport - Proposed Weather Tower.pdf

Hello Joe,

Further to our conversation please find attached a letter regarding the proposed construction of a 60m tall weather tower at the Origin Energy Gas Fired Power Station. The proposed location is approximately 17Km's west south west of the Wagga Airport, and possibly within the approach of RWY 05. Are you able to assess this and provide a copy to the appropriate officers within CASA and Airservices Australia (AsA) for comment? This may then result in the Department of Planning sending a development consent referral to CASA and AsA?

Should require any further information please feel free to contact myself, or Guy Corbett of Origin Energy directly.

Kind regards

Stephen Prowse CA
Manager, Airport
Wagga Wagga City Council
PO Box 20, Wagga Wagga NSW 2650
P 02 6926 9254 | P02 6922 8358 (Airport Office)
M 0407415371 | E prowse.stephen@wagga.nsw.gov.au
Wagga.Wagga.City.Council
Wagga.Wagga.Airport
Tourism.Wagga.Wagga
Business.Wagga.Wagga

From: Corbett, Guy [mailto:Guy.Corbett@originenergy.com.au]
Sent: Friday, 8 January 2010 15:34
To: Prowse, Stephen
Subject: 100108 Letter to WWCC Airport - Proposed Weather Tower.pdf

<<100108 Letter to WWCC Airport - Proposed Weather Tower.pdf>> Steve,

As discussed during the week, please find a letter and attached information on the proposed 60m weather tower at the Uranquinty power station. I will formally send the attached letter of to Council as well but I was hoping by emailing we might be able to save some time.

Any questions please call.

Guy Corbett

Origin Energy

0419 648 171

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