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Subject: RE: RMS: Request for Advice: Newcastle Power Station (SSI 9837) - Submissions Report [SEC=OFFICIAL]
Date: Thursday, 7 May 2020 3:56:11 PM
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Mandana

CASA has reviewed certain relevant aspects of the Submissions Report. CASA's review was not comprehensive.

An aspect of the Main Report may have not been correctly interpreted, or could be open to interpretation:

Main Report 4.3.2 advises

This includes consideration of the 99.9% critical plume extent rather than the 100%, and adoption of CASA's recommendations regarding critical plume velocity for instrument flight (6.1 m/s) and visual flight (10.6 m/s).

CASA recommended a critical velocity of 6.1m/sec for IFR and VFR. CASA correspondence to Defence of 7 April 2020 advised: *"I would recommend 6.1m/sec critical plume velocity for VFR / OLS and IFR / PANS-OPS."* and *"The turbulence will have the same effect on the aircraft whether the pilot is looking at an instrument panel or looking out the window."*

In Appendix B 'Consolidated Mitigation Measures' SE-4, it is suspected that 'Civil Aviation Authority' should read 'Civil Aviation Safety Authority'.

CASA has no other comments at this stage.

Regards

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