



NSW RURAL FIRE SERVICE

Department of Planning and Environment (Sydney Offices)
GPO Box 39
Sydney NSW 2001

Your reference: SSI-12590060
Our reference: DA20210609002325-Original-1

ATTENTION: Jack Turner

Date: Friday 18 June 2021

Dear Sir/Madam,

Development Application
Other - Other Assessment - Electricity Generating Works
Kurri Kurri Power Station (SSI-12590060), (none)

I refer to your correspondence dated 05/05/2021 seeking advice regarding bush fire protection for the above Development Application.

The New South Wales Rural Fire Service (NSW RFS) has reviewed the information provided and advises the following:

An amended bushfire report must be provided which will provide further information in relation to Sections 8.3.1, 8.3.9 and Appendix 1 of *Planning for Bush Fire Protection 2019*.

As a non-residential development Section 8.3.1 Buildings of Class 5 to 8 under the NCC of the NSW Rural Fire Service document *Planning for Bush Fire Protection 2019* (PBP 2019) is to be addressed as follows:

Whilst bush fire is not captured in the NCC for Class 5-8 buildings, the following objectives will be applied in relation to access, water supply and services, and emergency and evacuation planning:

- to provide safe access to/from the public road system for firefighters providing property protection during a bush fire and for occupant egress for evacuation;
- to provide suitable emergency and evacuation (and relocation) arrangements for occupants of the development;
- to provide adequate services of water for the protection of buildings during and after the passage of bush fire, and to locate gas and electricity so as not to contribute to the risk of fire to a building; and
- provide for the storage of hazardous materials away from the hazard wherever possible.

As a power generating works the proposed development is identified to address Section 8.3.9 Hazardous industry of PBP 2019 as follows:

In preparation of a performance based solution or Bush Fire Design Brief (BFDB), the Fire Safety Study prepared under the DPIE Hazardous Industry Planning and Assessment Papers (HIPAPs) should be considered. This study provides details of all credible fire hazards and the associated fire prevention and mitigation measures for the development. The BFDB must address the appropriate protection measures to be provided commensurate with the bush fire hazards and associated risks. Care should also be taken to ensure that such facilities do not impact on existing developments.

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The hazard must be assessed as outlined in Appendix 1 of PBP 2019 and apply Bush Fire Attack Levels (BALs) identified through the appropriate table in PBP 2019 or utilising modelling under Method 2 as stipulated in the Australian Standard AS3959-2018 *Construction of buildings in bushfire prone areas*.

If additional information is not received within 21 days the application will be refused on the basis of Requested Information not provided. A formal request for re-assessment would be required after this time.

For any queries regarding this correspondence, please contact Joshua Calandra on 1300 NSW RFS.

Yours sincerely,

Kalpana Varghese
Supervisor Development Assessment & Plan
Built & Natural Environment