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TRIM Doc. No: D23/55272  
Contact: Qualified Firefighter Barton Hill

23 June 2023

SHAUN WILLIAMS  
NSW Department of Planning and Environment  
Locked Bag 5022  
PARRAMATTA NSW 2124

Dear Shaun,

**Re: Advice on Environmental Impact Statement (EIS) – PROJECT ECHIDNA DATA CENTRE EASTERN CREEK – 10 EASTERN CREEK DRIVE (SSD-47320208)**

Fire and Rescue NSW (FRNSW) acknowledge correspondence received on 07/06/2023, requesting advice on the EIS for PROJECT ECHIDNA DATA CENTRE EASTERN CREEK – 10 EASTERN CREEK DRIVE (SSD-47320208). FRNSW have reviewed the EIS along with Appendix L - Resilience and Hazards SEPP Screening.

It has been the experience of FRNSW that data centres pose special problems of firefighting and special hazards exist that may require additional fire safety and management measures. Due to these unique challenges FRNSW make the following recommendations:

1. That a comprehensive Fire Safety Study (FSS) is developed. The FSS is to be developed in accordance with the requirements of Hazardous Industry Planning Advisory Paper (HIPAP) No.2<sup>1</sup> and is to meet the operational requirements of FRNSW.
2. That the development of the FSS consider the operational capability of local fire agencies and the need for the facility to achieve an adequate level of on-site fire and life safety independence. The FSS should consider worst-case fire scenarios including a full BESS unit fire and demonstrate no fire propagation within the facility.
3. That the development of a FSS be a condition of consent.
4. That a comprehensive Emergency Plan is developed for the site in accordance with HIPAP No.1.<sup>2</sup> The findings of the FSS should inform the development and content of the ERP.
5. That an Emergency Services Information Package (ESIP) be prepared in accordance with FRNSW fire safety guideline – Emergency services information package and tactical fire plans.<sup>3</sup>

**OFFICIAL**

For further information please contact the Operational Liaison and Special Hazards Unit, referencing FRNSW file number BFS23/3133 Please ensure that all correspondence in relation to this matter is submitted electronically to [firesafety@fire.nsw.gov.au](mailto:firesafety@fire.nsw.gov.au).

Yours sincerely,



A/ Superintendent Aaron Ross  
Manager  
Operational and Liaison Special Hazards Unit

Cc: [shaun.williams@planning.nsw.gov.au](mailto:shaun.williams@planning.nsw.gov.au)

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<sup>1</sup> <https://www.planning.nsw.gov.au/-/media/Files/DPE/Guidelines/fire-safety-study-guidelines-2011-01.pdf?la=en>

<sup>2</sup> <https://www.planning.nsw.gov.au/-/media/Files/DPE/Other/hazardous-industry-planning-advisory-paper-no-1-emergency-planning-2011-01.pdf?la=en>

<sup>3</sup> [https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines\\_ESIP\\_and\\_TFP.pdf](https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines_ESIP_and_TFP.pdf)