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Contact: Station Officer Richard Jay

9 August 2024

JEFFREY PENG
NSW Department of Planning and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

Dear Jeffrey,

Re: Advice on Environmental Impact Statement (EIS) – NEXTDC S5 DATA CENTRE AND INNOVATION HUB (SSD-63168959) 269 LANE COVE ROAD, MACQUARIE PARK.

Fire and Rescue NSW (FRNSW) acknowledge correspondence received on 29 July 2024, requesting advice on the EIS for NEXTDC S5 DATA CENTRE AND INNOVATION HUB (SSD-63168959) 269 LANE COVE ROAD, MACQUARIE PARK. have reviewed EIS with particular focus to (Section 6.1.9 Hazards and Risks), along with the Hazards and Risks Report (Appendix S) and Architectural Plans (Appendix E)

FRNSW notes the proposal of a Data Centre including storage of Dangerous Goods above manifest quantities.

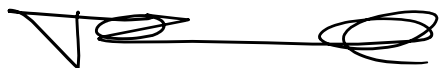
Data Centres and Dangerous Goods Stores pose special problems of firefighting and special hazards exist that may require additional fire safety and management measures. Should this project be approved, FRNSW make the following recommendations:

1. That a Fire Safety Study (FSS) is developed in accordance with the requirements of Hazardous Industry Planning Advisory Paper (HIPAP) No.2¹ and submitted to FRNSW for review.
 - The FSS is to be developed to the satisfaction of FRNSW prior to any further submission being made to FRNSW; this includes: an Initial Fire Safety Report (IFSR) and / or Performance-Based Design Brief / Fire Engineering Brief Questionnaire (FEBQ).
2. Preliminary assessment of the project indicates potential issues with access/egress for emergency responders. Safe, efficient, and effective access is to be provided in accordance with FRNSW fire safety guideline - Access for fire brigade vehicles and firefighters.²
3. Prior to occupation or commissioning an Emergency Plan (EP) is developed for the site in accordance with HIPAP No.1.³

4. Prior to occupation or commissioning an Emergency Services Information Package (ESIP) be prepared in accordance with FRNSW fire safety guideline – Emergency services information package and tactical fire plans.⁴

For further information please contact the Operational Liaison and Special Hazards Unit, referencing FRNSW file number BFS24/4828. Please ensure that all correspondence in relation to this matter is submitted electronically to firesafety@fire.nsw.gov.au.

Yours sincerely,



Superintendent James O'Carroll
Manager
Operational Liaison Special Hazards Unit

Cc: jeffrey.peng@planning.nsw.gov.au

¹ <https://www.planning.nsw.gov.au/sites/default/files/2023-03/hazardous-and-offensive-planning-advisory-paper-no-2-fire-safety-study-guidelines.pdf>

² https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines_access_for_emergency_vehicles.pdf

³ <https://www.planning.nsw.gov.au/sites/default/files/2023-03/hazardous-industry-planning-advisory-paper-no-1-emergency-planning.pdf>

⁴ https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines_ESIP_and_TFP.pdf