

20 February 2023

Contact: *Justine Clarke*

Telephone: *0457 535 955*

Our ref: *D2023/10855*

Shaun Williams  
NSW Department of Planning and Environment  
Locked Bag 5022  
PARRAMATTA NSW 2124

Dear Mr Williams,

**Kemps Creek Data Centre (SSD-10101987) – Response to Submissions – additional information**

Thank you for your Major Projects Planning Portal referral dated 7 February 2023, seeking advice from us on the additional information provided by the proponent in relation to the response to submissions (RtS) agency comments.

WaterNSW is satisfied with the proponent's response to our comments provided to the submissions report (our ref: D2022/143361, dated 21 October). We accept the proponent's commitment (Response matrix, Willowtree Planning) *to preparing an EME hazard assessment post-consent during detailed design. This study will be used to inform the electrical infrastructure final specifications to comply with Australian Standard AS4853: 2012 Electrical Hazards on Metallic Pipelines (Standards Australia, 2012) including appropriate earthing provisions and procedural controls.*

The Electromagnetic Energy (EME) report must be submitted to the certifying authority prior to the issue of the construction certificate. The EME report should detail the electromagnetic energy likely to be produced and any potential impacts initiated by the proposed substation and the 62 back-up generators at the development and on the surrounding environment.

The EME report must be prepared by a suitably qualified and practicing person in accordance with Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) safety requirements, AS/NZS 4853:2012 and any other relevant standards or policies. The report is to consider the location of the proposed substation and whether it is appropriate or what mitigation measure are required to protect the health of staff and visitors and nearby sensitive receivers.

If the EME report identifies that the impact to the Warragamba Pipelines has intensified (from no risk at all), WaterNSW must be consulted with regards to risk mitigation actions, prior to implementation.

**Requested Conditions:**

- Prior to construction commencing and during detailed design, the proponent must prepare an Electromagnetic Energy (EME) hazard assessment.
  - The EME assessment must be used to inform electrical infrastructure final specifications and comply with Australian Standard AS4853: 2012 Electrical Hazards on Metallic Pipelines (Standards Australia, 2012)
  - If the EME report identifies that the impact to the Warragamba Pipelines has intensified (from no risk at all), WaterNSW must be consulted with regards to risk mitigation actions, prior to implementation.
- During construction, the proponent must incorporate all appropriate earthing provisions and procedural controls specified within the EME Hazard Assessment and applicable Australian Standards.

If you have any questions regarding this letter, please contact Justine Clarke at [justine.clarke@waternsw.com.au](mailto:justine.clarke@waternsw.com.au).

Yours sincerely

A handwritten signature in black ink, appearing to be "AK", with a long horizontal flourish extending to the right.

**ALISON KNIHA**  
**Catchment Protection Planning Manager**