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ANNEXURE N

FUNCTIONALITY REQUIREMENTS FOR PRE-QUALIFICATION FOR PROCUREMENT OF NUCLEAR FUEL FABRICATION AND RELATED SERVICES - E1531GXNOU

The criteria for pre-qualifying suppliers for the supply of nuclear fuel fabrication, fuel components, fuel related engineering studies and support services to Koeberg Nuclear Power Station is as per the table below. For the supplier to successfully meet the criteria, they must answer YES to all the questions below:

| Mandatory Criteria | Description | Yes/No | Deliverable |
|----------------------------|---|---------------|--|
| Design Requirements | Does your company fabricate PWR 17x17x12ft fuel design? | | Provide a list of your approved/licensed fuel designs. |
| | Does your fuel design have anti-debris features? | | Provide a list of anti-debris features in your fuel design. |
| Reliability | Has your fuel design completed (in reload batch size) a minimum of three (3) 18-month cycles (or equivalent) of operation in a 900 MWe PWR? | | Provide fuel assembly average burnup history of most recent three (3) cycles. Provide fuel integrity statistics of your offered fuel design for the last 7 years. |
| Licensability | Is your fuel design licensed with the Nuclear Regulator in your country of origin? | | Provide evidence of licence approval. |
| | Is your fuel design licensable with the South African Nuclear Regulator for application at Koeberg? | | Provide a basic comparison between the offered fuel design and the requirements in Tables 1-5 in section 3 of RFE-TRS-2025-28. |

| | |
|----------------|------------------|
| Signed: | Date: |
| Name: | Position: |

Controlled Disclosure

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