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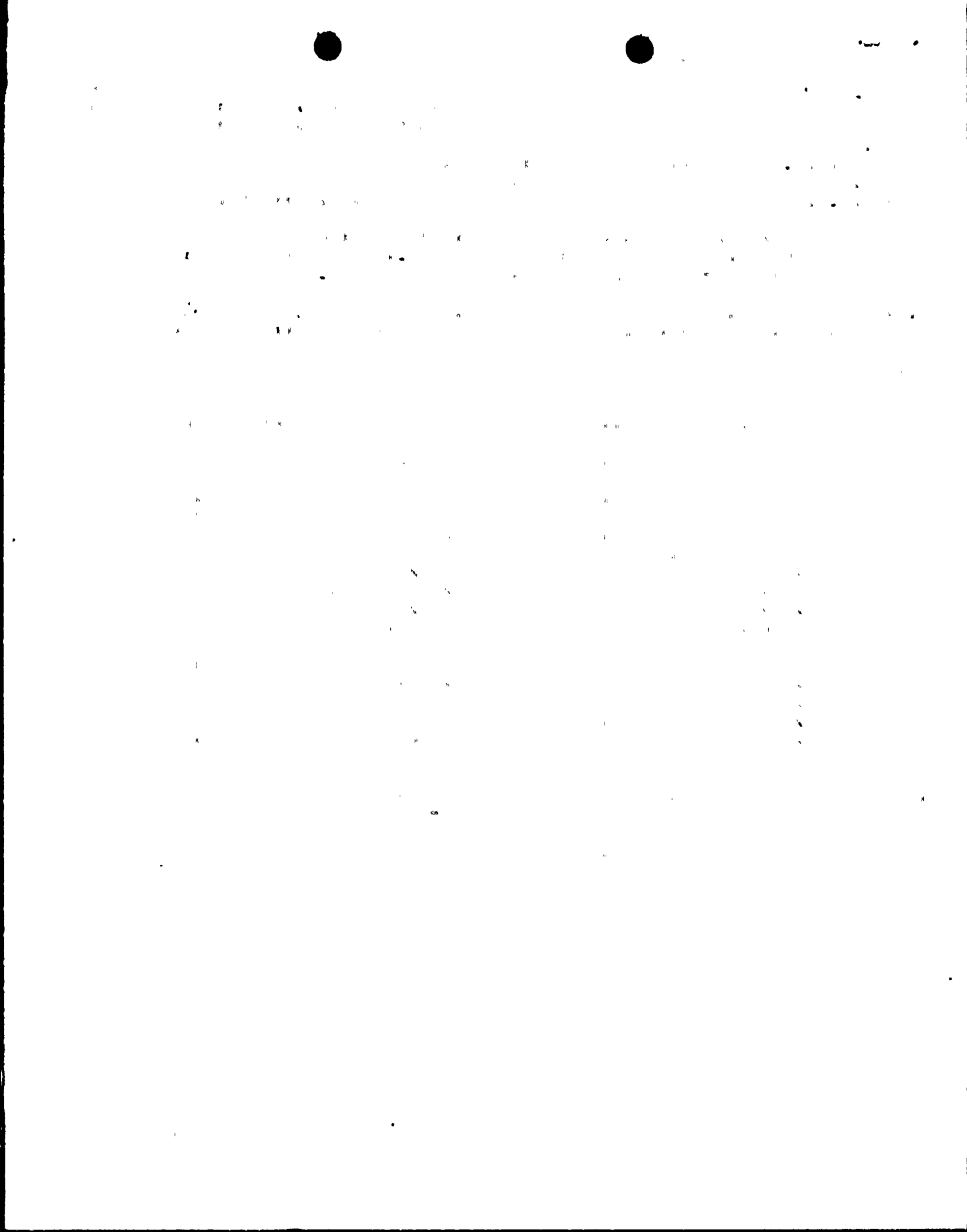
SUBJECT: Forwards responses to Meteorological & Effluents Treatment
 Branch draft SER Open Items 158 & 186. Turbine gland sealing
 sys is non-nuclear, nonseismic Category I sys.

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Carolina Power & Light Company

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JUL 11 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NOS. 1 AND 2
DOCKET NOS. 50-400 AND 50-401
DRAFT SAFETY EVALUATION REPORT RESPONSES
METEOROLOGICAL & EFFLUENTS TREATMENT BRANCH

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby transmits one original and forty copies of the responses to the Shearon Harris Nuclear Power Plant Draft Safety Evaluation Report (DSER) CP&L Open Item Nos. 158 and 186.

Carolina Power & Light Company will be providing responses to other Open Items in the DSER shortly.

Yours very truly,

M. A. McDuffie
M. A. McDuffie
Senior Vice President
Engineering & Construction

NLU/ccc (707ONLU)
Enclosure

- | | |
|---------------------------------|----------------------------|
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| Mr. G. F. Maxwell (NRC-SHNPP) | Mr. John D. Runkle |
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SHEARON HARRIS NUCLEAR POWER PLANT
DRAFT SAFETY EVALUATION REPORT (DSER)

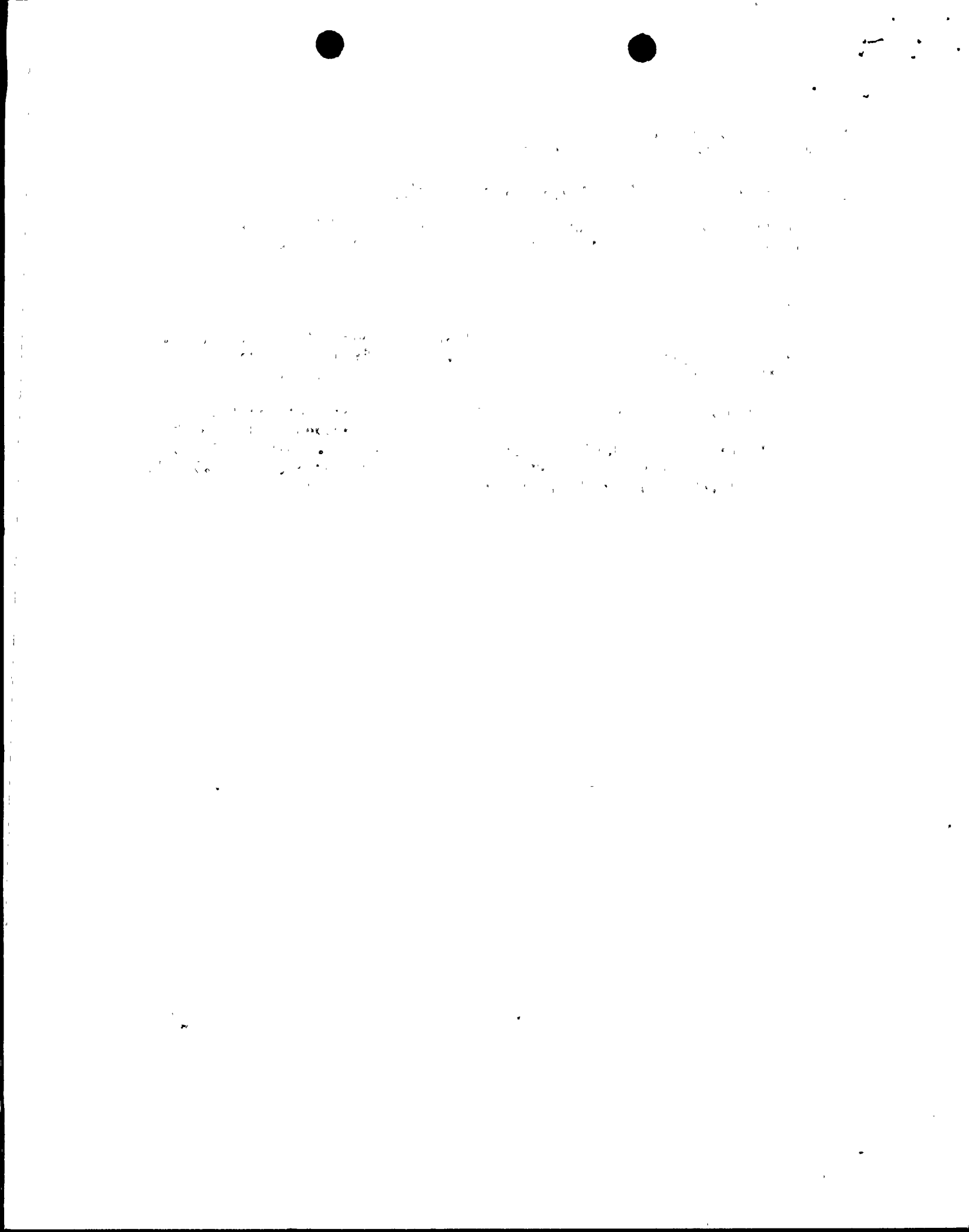
Open Item 158 (DSER Section 10.4.3.2, page 10-10)

Correlation of quality group classification of turbine gland sealing system design with Quality Group D of Regulatory Guide 1.26.

Response

The Turbine Gland Sealing System (TGSS) is a non-nuclear safety, non-seismic Category I system. This safety classification corresponds to the Quality Group D classification of Regulatory Guide 1.26.

This response supercedes that previously given for that portion of Formal Question 460.2 which concerned the TGSS. That response was submitted by CP&L's letter of September 16, 1982 to Mr. Harold R. Denton and was subsequently incorporated into the FSAR in Amendment 5 (Page 10.4.3-1). The FSAR will be revised to reflect the above response.



SHEARON HARRIS NUCLEAR POWER PLANT
DRAFT SAFETY EVALUATION REPORT (DSER)

Open Item 186 (DSER Section 11.5.2, page 11-29)

Provide the capability to replace or decontaminate monitors utilized for gaseous effluent without opening the process system or losing the capability to isolate the effluent stream.

Response

The monitors used to monitor the gaseous paths of the Process and Effluent Radiological Monitoring Systems do have the capability to be replaced or decontaminated without opening the process systems or losing the capability to isolate the effluent stream.

Each gaseous radiation monitor skid has manually-operated ball valves at the skid inlet and outlet for isolation during monitor servicing. During monitor servicing, effluent grab sampling will be conducted in accordance with Technical Specifications.



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