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SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_23750**
Title of the Manuscript:	**PERFORMANCE OF 19.75% UO_2 FUEL MATERIAL IN THE CORE OF NIGERIA MINIATURE NEUTRON SOURCE REACTOR (MNSR)** **COMPUTATIONAL STUDY OF 19.75% UO_2 FUEL FOR THE CORE CONVERSION OF NIGERIA RESEARCH REACTOR-1 (NIRR-1) FROM HEU TO LEU**
Type of Article	**Original Research Article** **Case Study Article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
Reviewer's comments Please supply all abbreviation in the begging of the paper to make readers understand easy the submitted paper. Please make sure which title is correct? This paper is not regarded as an original research article, but case study paper. In abstract, use has been made --- is curious, please rewrite SCALE 6.1 code system and VENTURE-PC code system has been used for the core conversion of------. In introduction many experimental results were presented, so rewrite introduction. For example description of Al-alloy cladding whose thickness is 0.6 mm is not appropriate for introduction, but experimental. Tables 2, 3, 4, 5, 6, and 7, please supply variation and put the number you used for the experiments. Figures 1 to 6 and Tables 1 to 10 should present in Results and Discussion, not in Materials and Method, so please rewrite.	

Reviewer Details:

Name:	**Hideharu Shintani**
Department, University & Country	**Department of Science and engineering, Chuo university in Tokyo, Japan**