

Requests from Use Experience of ORIGEN Code

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In order to improve accuracy of nuclear data, requests of evaluation accuracy of the ORIGEN code have been discussed in the working group on evaluation of nuclide generation and depletion (WG). A questionnaire survey was carried out through the committee members of the WG about the demand accuracy of the ORIGEN code which is used widely in various fields of design analysis and evaluation. WG committee asked each organization's ORIGEN user, and obtained the reply. For this reason, it is thought that the opinion of each organization's business person in charge was able to be collected. The replies are obtained for following fields.

- (1) Spent fuel cask (including spent fuel storage facilities)
- (2) Re-processing facility
- (3) Decommissioning, and waste treatment and disposal
- (4) Plant decay heat analysis (accident analysis)
- (5) Plant equipment design
- (6) Burn-up credit

Questionnaire results and discussion of the WG will be presented.

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