

Senate Standing Committee on Economics
ANSWERS TO QUESTIONS ON NOTICE
Innovation, Industry, Science and Research Portfolio
Supplementary Budget Estimates 2011-2012
19 October 2011

AGENCY/DEPARTMENT: AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION

TOPIC: RESEARCH PROJECTS –RADIOISOTOPE

REFERENCE: Written Question – Senator Abetz

QUESTION No.: SI-54

Can you provide a list of research projects currently being developed in the field of radioisotope production?

ANSWER

Currently there are three direct projects:

1. The development and validation of a technique for expanded Lutetium-177 production. Lutetium-177 is used in the treatment of neuro-endocrine disease.
2. The validation and eventual commercial licensing of a Gallium-68 generator. Gallium-68 is used in diagnosis of neuro-endocrine disease and other ailments.
3. The reduction of impurity levels in Gallium-68.