

NORTH DAKOTA STATE UNIVERSITY
☸RADIATION SAFETY OFFICE☸
PROJECT SUMMARY

Date: _____

Authorization # _____ (do not write in this space)

- _____ New Project
- _____ Renewal
- _____ Amendment
- _____ Add personnel

1. Applicant _____ 2. Department _____

3. Phone # _____

4. Nuclide(s) _____

5. Chemical and/or physical form(s) _____

6. Position of label (if applicable) _____

7a. Amount/experiment

7b. Amount/shipment

7c. Amount on hand at any
one time

8. Building(s) and Room(s) where nuclide will be used _____

9. Participating personnel (attach extra sheet if necessary). Note: *If nuclide is to be used for class use, please submit class list within one week after initial class.*

NAME	DEPARTMENT	STATUS
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____

10. Outline the purpose and method of your project (Give sufficient detail concerning the problem and methods of use of the radioactive material to provide a basis for an evaluation of health hazards and contamination potential).

11. Identify any procedures (e. g., purification procedures, synthesis, plant studies, etc.), which may cause particular problems.

12. Evaluate the radiation hazard from (a) the quantity of radioactivity in the starting material, (b) the volatile, liquid, and solid wastes, and (c) other contaminated items.

13. Note the instrumentation or methods used to ascertain the radiation level present. (List make, model and range for radiation monitors).

14. Indicate storage conditions for the material, including location and type of containment. Specify the design, thickness, and type of shielding which will be used when applicable.

15. Specify the precautions and procedures, which will then be taken during your possession of the nuclide to:
 - (a) Prevent unauthorized removal of by-product material.

 - (b) Prevent contamination and excessive levels of radiation in the work or adjacent areas.

 - (c) Monitor dose to workers.

(If nuclide is to be used in animals, please answer items 16 through 21 inclusive)

16. Animals to be used _____

17. Average Weight of animals _____

18. Total number of animals to be used _____

19. Amount per animal (millicuries) _____

20. Route of nuclide administration _____

21. Do you anticipate that radioactivity will be contained in the animal's

_____ expired air?

_____ urine?

_____ feces?

_____ carcass?

If any of the above answers are yes, please describe in detail the procedures you will employ to control and/or prevent the spread of contamination.

Applicants signature

Date

Approval Temporary:
Radiation Safety Officer

Date

Final Approval:
Radiation Safety Committee

Date