

AUSTRALIAN CAPITAL TERRITORY

RADIATION ACT 1983

Section 73

NOTIFICATION OF DECISIONS

Pursuant to Section 73 of the Australian Capital Territory Radiation Act 1983, the Radiation Council hereby gives notice of the particulars of the following decisions of Council, made on 25 March 1998.

APPROVAL FOR ALTERATION OR MODIFICATION OF REGISTERED IRRADIATING APPARATUS (paragraph 73(1)(e))

| | |
|-------------|---|
| Owner | David Burgess |
| Description | Trophy dental x-ray machine model CCX AD33 with model 708 tube, S/No's EG37076, G7316 70kVp, 8mA |
| Location | Preventive Dental Care Baileys Corner Arcade Canberra City |
| Conditions | Diagnostic dental examinations. |
| Owner | ANU Research School of Earth Sciences |
| Description | Littlemore Scientific Engineering beta irradiator, Elsec type 9022 (unit #3) Sr-90, 3.7GBq, 26/04/95 |
| Location | Luminescence Dating Laboratory Room 6220B, Coombs Building Fellows Road, Acton |
| Conditions | Irradiation of mineral samples. |
| Owner | ANU Research School of Earth Sciences |
| Description | Littlemore Scientific Engineering beta irradiator model Elsec type 9022 (unit#1) Sr-90/Y-90, 3.7GBq (2/11/92) |
| Location | Luminescence Dating Laboratory Room 6220B, Coombs Building Fellows Road, Acton |
| Conditions | Integral component of thermoluminescence sample irradiator system. |
| Owner | ANU Research School of Earth Sciences |
| Description | Amersham strontium plate model SIPQ8026, S/No 0329MP Sr-90, 40mCi (16/12/91) |
| Location | Luminescence Dating Laboratory Room 6214, Coombs Building Fellows Road, Acton |
| Conditions | Integral component of thermoluminescence sample irradiator system. |

Owner ANU Research School of Earth Sciences
Description Amersham strontium plate model SIQ8026, S/No: 0328MP Sr-90, 40mCi (16/12/91)
Location Luminescence Dating Laboratory
Room 6214,
Coombs Building
Fellows Road, Acton
Conditions Integral component of thermoluminescence sample irradiator system.

GRANTING OF LICENCE (paragraph 73(1)(b))

Licensee Dr Gary Buffington
Address IBD Research Unit
The Canberra Hospital
PO Box 11
Woden ACT 2606
Authorized Activities: Purchase, own or have in possession, use, cause or permit to use, unsealed radioactive materials.
Conditions Research and medical laboratory uses of unsealed radionuclides: H-3, C-14.

Licensee Christopher Andrew Punch
Address 46 Bertel Crescent
Chapman ACT 2611
Authorized Activities: Use, cause or permit to use, irradiating apparatus.
Conditions Diagnostic dental radiography.

VARIATION OF CONDITIONS SPECIFIED IN A LICENCE
(paragraph 73(1)(c))

Licensee Dr Warren Bond
Address CSIRO Land And Water
GPO Box 1666
Canberra ACT 2601
Authorized Activities: Purchase, own or have in possession, use, cause or permit to use, irradiating apparatus, unsealed radioactive materials
Conditions Research uses of:-
* Particle size analysis system.
* Soil density/moisture gauges.
* Cs-137 attenuation gauge.
* Sealed radioactive sources: Am-241, Ba-133, Cs-137, Co-57, Co-60, Mn-54, Hg-203, Na-22, Y-88, Pb-210, U (natural), Ra-226, U-238, Th-232, Be-7, Sr-90.
* Unsealed radioactive materials: U-238, Th-232, Ra-226, Pb-210, Th-228, Cs-137, Mn-54, Be-7, P-32, C-14, S-35, H-3, Na-22.

Licensee Julianne L Kamprad
Address Australian Geological Survey Organisation,
GPO Box 378
Canberra ACT 2601
Authorized Activities: Use, cause or permit to use, irradiating apparatus.
Conditions Research uses of x-ray analysis equipment.

Licensee Mr John G Pyke
 Address Australian Geological Survey Organisation
 GPO Box 378
 Canberra ACT 2601
 Authorized Activities: Use, cause or permit to use, irradiating apparatus.
 Conditions Research uses of x-ray analysis equipment.

GRANTING OF A DISPOSAL PERMIT (paragraph 73(1)(g))

Permit Holder Dr Warren Bond
 Licensed Premises CSIRO Land and Water
 Black Mountain Laboratories
 Clunies Ross Road
 Acton ACT

| Radionuclide contained in the material for disposal | Physical and chemical form of the material | Annual quantity of material for which approval is granted | Disposal method approved |
|--|---|--|-------------------------------------|
| Uranium-238 | Solid | 600 kBq | Burial, W.B.L.C. |
| Uranium-238+Daughters | Solid | 40 kBq | Burial, W.B.L.C. |
| Thorium-232 | Solid | 200 kBq | Burial, W.B.L.C. |
| Thorium-232+Daughters | Solid | 40 kBq | Burial, W.B.L.C. |
| Radium-226 | Solid | 25 kBq | Burial, W.B.L.C. |
| Lead-210 | Solid | 25 kBq | Burial, W.B.L.C. |
| Thorium-228 | Solid | 25 kBq | Burial, W.B.L.C. |
| For each of the above no more than 250kBq of Radioactive Material per kg of Non-Radioactive Waste. | | | |
| Caesium-137 | Solid | 25 kBq | Burial, W.B.L.C. |
| Manganese-54 | Solid | 25 kBq | Burial, W.B.L.C. |
| Phosphorus-32 | Solid | 20 MBq | Burial, W.B.L.C. |
| Uranium-238 | Water Soluble | 600 kBq | Sewer |
| Thorium-232 | Water Soluble | 200 kBq | Sewer |
| Radium-226 | Water Soluble | 25 kBq | Sewer |
| Lead-210 | Water Soluble | 25 kBq | Sewer |
| Thorium-228 | Water Soluble | 25 kBq | Sewer |
| Caesium-137 | Water Soluble | 25 kBq | Sewer |
| Manganese-54 | Water Soluble | 25 kBq | Sewer |
| Phosphorus-32 | Water Soluble | 200 kBq | Sewer |
| Phosphorus-32 | Scintillation Fluid | 200 kBq | Burial, W.B.L.C. |
| Hydrogen-3 | Solid | 20 MBq | Burial, W.B.L.C. |
| Sulphur-35 | Solid | 100 MBq | Burial, W.B.L.C. |
| Carbon-14 | Solid | 20 MBq | Burial, W.B.L.C. |

* W.B.L.C. = West Belconnen Landfill Centre

Review by the ACT Administrative Appeals Tribunal - Any Persons whose interests are adversely affected by this decision may apply to the Tribunal to have the decision reviewed.

Reasons - If you wish to obtain a statement of reasons to explain why the decision was made you should write within 28 days of this notice to the ACT Radiation Council, GPO Box 825, Canberra 2601.

Location of the ACT Administrative Appeals Tribunal - The Tribunal is located on the 4th Floor, Canberra House, 40 Marcus Clarke Street, Canberra City.

Postal Address: GPO Box 9955, Canberra 2601. Telephone: 243 4611. Facsimile: 247 0962. Document Exchange: DX 5727.

Powers of the ACT Administrative Appeals Tribunal - The Tribunal is an independent body. The Tribunal can agree with, change or reject to the original decision, substitute its own decision or send the matter back to the decision maker for reconsideration in accordance with Tribunal recommendations.

How to apply to the ACT Administrative Appeals Tribunal - Simply write within 28 days explaining the details to the decision and the reasons for asking for a review.

Cost - To lodge an application there is a fee of \$129.00. You may apply to have the fee waived on the grounds of hardship. No fee is payable if you are receiving legal assistance.

Access to documents - You may apply for access to any documents relevant to this decision under the ACT *Freedom of Information Act 1989*. For more information contact the ACT Freedom of Information Office on phone 6205 0245 or 6205 0249.

Dated this 25th day of March 1998.



J Lising
Chairperson
Radiation Council