| NRC FORM 313A (AUS) (MM-YYYY) | U. S. NUCLEAR REGULATORY COM | MMISSION | APPROVED BY O EXPIRES: (MM/D | |
|---|--|-------------------------|------------------------------------|-----------------------|
| | R TRAINING, EXPERIENCE AN (for uses defined under 35.400 [10 CFR 35.57, 35.490, 35.491, | and 35 | .600) | ESTATION |
| Name of Proposed Authorized User | State or Territory Wh | nere Licens | sed | |
| Authorization(s) 35.400 Opt | | | rapy unit(s) a stereotactic rac | liosurgery unit(s) |
| | PART I TRAINING AND EXPERIEN (Select one of the three methods bel | | | |
| *Training and Experience, including Boa of application or the individual must ha | ard Certification, must have been obtair ave obtained related continuing education d. Provide dates, duration, and descrip | ned within on and ex | perience since t | he required |
| 1. Board Certification | | | | |
| a. Provide a copy of the board ce | rtification. | | | |
| b. For 35.690, go to the table in 3 which authorization is sought. | B.e. and describe training provider and d | lates of tra | aining for each ty | ype of use for |
| For a board certification issued provide the following: | l on or before October 24, 2005, that is l | listed in 1 | 0 CFR 35.57(b)(| 2)(iii), |
| | dividual performed each use checked a ription of continuing education and expe | | | |
| each use checked above. d. Stop here. | | | · | , |
| | | | / | |
| | er Requesting Additional Authorization | on for 35. | 600 Use(s) Che | <u>cked Above</u> |
| | o document training for new device. by of the certificate and stop here. If not | t board ce | ertified, provide c | ompleted |
| 3. Training and Experience for F | Proposed Authorized User | | | |
| a. Classroom and Laboratory Trai | | 35 | 5.690 | |
| Description of Training | Location of Training | | Clock Hours | Dates of Training* |
| Radiation physics and instrumentation | | | | |
| Radiation protection | | | | |
| Mathematics pertaining to the use and measurement of radioactivity | | | | |
| Radiation biology | | | | |
| | Total Hours of Training: | | | |

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AUTHORIZED USER TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION (for uses defined under 35.400 and 35.600) [10 CFR 35.57, 35.490, 35.491, and 35.690] (continued)

3. <u>Training and Experience for Proposed Authorized User (continued)</u>

b. Supervised Work and Clinical Experience for 10 CFR 35.490 (If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this page.)

| Supervised Work Experience | Total Hours of Experience: | | |
|---|--|---------|-------------------------|
| Description of Experience Must Include: | Location of Experience/License or Permit Number of Facility | Confirm | Dates of Experience* |
| Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys | | Yes No | |
| Checking survey meters for proper operation | | Yes No | |
| Preparing, implanting, and safely removing brachytherapy sources | | Yes No | |
| Maintaining running inventories of material on hand | | Yes No | |
| Using administrative controls to prevent a medical event involving the use of byproduct material | | Yes No | |
| Using emergency procedures to control byproduct material | | Yes No | |
| Clinical experience in radiation oncology as part of an approved formal training program | Location of Experience/License or Permit Number of Facility | | Dates of Experience* |
| Approved by: | | | |
| Residency Review Committee for Radiation Oncology of the ACGME | | | |

Supervising Individual

Royal College of Physicians and Surgeons of Canada Council on Postdoctoral Training of the American Osteopathic Association

License/Permit Number listing supervising individual as an

Authorized User

| IRC FORM 313A (AUS) MM-YYYY) | | U. | S. NUCLEAR REG | JLATORY COMMISSIO |
|--|-------------------------------------|---|---------------------|-------------------------|
| AUTHORIZED USER TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION (for uses defined under 35.400 and 35.600) [10 CFR 35.57, 35.490, 35.491, and 35.690] (continued) | | | | |
| 8. Training and Experience for Prop | | continued) | | |
| c. Supervised Clinical Experience for | or 10 CFR 35.491 | | | |
| Description of Experience | Location of Experie Permit Numbe | | Clock Hours | Dates of Experience* |
| Use of strontium-90 for ophthalmic treatment, including: examination of each individual to be treated; calculation of the dose to be administered; administration of the dose; and follow up and review of each individual's case history | | | | |
| Supervising Individual | | nse/Permit Number listi norized User | ing supervising ind | ividual as an |
| d. Supervised Work and Clinical Ex | perience for 10 CER 35 6 | 90 | | |
| Remote afterloader unit(s) | Teletherapy u | | a stereotactic rad | iosurgery unit(s) |
| Supervised Work Experience | | Total Hours of E | xperience: | |
| Description of Experience Must Include: | Location of Experie Permit Numbe | | Confirm | Dates of Experience* |
| Reviewing full calibration measurements and periodic spot-checks | | | Yes No | |
| Preparing treatment plans and calculating treatment doses and times | | | Yes No | |
| Using administrative controls to prevent a medical event involving the use of byproduct material | | | Ves | |
| Implementing emergency procedures to be followed in the event of the abnormal operation of the medical unit or console | | | Yes No | |
| Checking and using survey meters | | | Yes No | |
| Selecting the proper dose and how it is to be administered | | | Yes No | |

| Training and Exp | <u>erience for Pro</u> | pposed Authorize | d User | (continued) | | |
|--|---|--|-----------|--|---------------------|-------------------------------------|
| d. Supervised Work | and Clinical Ex | perience for 10 C | FR 35.690 |) (continued) | | |
| Clinical experience oncology as part of formal training prog | an approved | I | | of Experience/License or t Number of Facility | | Dates of Experience [*] |
| Approved by: | | | | | | |
| Residency Revi Committee for F Oncology of the Royal College of and Surgeons of | Radiation ACGME of Physicians | | | | | |
| Council on Post Training of the A Osteopathic As | American | | | | | |
| Supervising Individua | I | 1 | | ense/Permit Number listing norized User | supervising individ | ual as an |
| sought. Description | | | | | | |
| of Training | | | Trainin | g Provider and Dates | | |
| of Training | Remote | Afterloader | Trainin | g Provider and Dates Teletherapy | Gamma St Radios | |
| of Training | Remote | Afterloader | Trainin | - | | |
| | Remote | Afterloader | Trainin | - | | |
| Device operation | Remote | Afterloader | | - | | |
| Device operation Safety procedures for the device use Clinical use of the device Supervising Individu Individual (If more than to document supervised | Jal. (If training prov one supervising ind | vided by Supervising lividual is necessary | | Teletherapy | Radios | urgery |
| Device operation Safety procedures for the device use Clinical use of the | Jal. (If training prov one supervising ind work experience, p | vided by Supervising lividual is necessary rovide multiple | License/P | Teletherapy | Radios | urgery |

U. S. NUCLEAR REGULATORY COMMISSION

NRC FORM 313A (AUS) (MM-YYYY)

| NRC FO | RM 313A (AUS) | U. S. NUCLEAR REGULATORY COMMISSION | | | | |
|------------------|---|--|--|--|--|--|
| (MM-YYYY) | | RIZED USER TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION (for uses defined under 35.400 and 35.600) [10 CFR 35.57, 35.490, 35.491, and 35.690] (continued) | | | | |
| | | PART II – PRECEPTOR ATTESTATION | | | | |
| Note: | Iote: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. | | | | | |
| | | ne boxes below, the preceptor is attesting that the individual has knowledge to fulfill the duties of aught and not attesting to the individual's "general clinical competency." | | | | |
| First S Check | | owing for each requested authorization: | | | | |
| For 3 | <u>5.490:</u> | | | | | |
| | I attest that | has satisfactorily completed the 200 hours of | | | | |
| | | Name of Proposed Authorized User | | | | |
| | classroom and laboratory training, 500 hours of supervised work experience, and 3 years of supervised clinical experience in radiation oncology, as required by 10 CFR 35.490(b)(1) and (b)(2), and is able to independently fulfill the radiation safety-related duties as an authorized user of manual brachytherapy sources for the medical uses authorized under 10 CFR 35.400. | | | | | |
| For 3 | <u>5.491:</u> | | | | | |
| | I attest that | has satisfactorily completed the 24 hours of | | | | |
| | | Name of Proposed Authorized User | | | | |
| | has used stro | d laboratory training applicable to the medical use of strontium-90 for ophthalmic radiotherapy, ntium-90 for ophthalmic treatment of 5 individuals, as required by 10 CFR 35.491(b), and is endently fulfill the radiation safety-related duties as an authorized user of strontium-90 for se. | | | | |
| Secon | d Section | | | | | |
| For 35. | | | | | | |
| | I attest that | has satisfactorily completed 200 hours of classroom | | | | |
| | | Name of Proposed Authorized User | | | | |
| | | bry training, 500 hours of supervised work experience, and 3 years of supervised clinical n radiation therapy, as required by 10 CFR 35.690(b)(1) and (b)(2). | | | | |
| | AND | | | | | |
| | | | | | | |
| Third S | Section | | | | | |
| <u>For 35</u> . | . <u>690:</u> (continu | ed) | | | | |
| | I attest that | has received training required in 35.690(c) for device | | | | |
| | operation, sa checked bel | afety procedures, and clinical use for the type(s) of use for which authorization is sought, as ow. | | | | |
| | Remote a | afterloader unit(s) Teletherapy unit(s) Gamma stereotactic radiosurgery unit(s) | | | | |
| | AND | | | | | |
| | | | | | | |
| | | | | | | |

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|---|---|--|--|--|--|--|
| AUTHORIZED USER TRAINII (for uses | NG, EXPERIENCE AND PRECEPTOR ATTESTATION defined under 35.400 and 35.600) 35.490, 35.491, and 35.690] (continued) | | | | | |
| Fourth Section | | | | | | |
| I attest that | is able to independently fulfill the radiation safety- | | | | | |
| Name of Proposed Authorized related duties as an authorized user for: | | | | | | |
| Remote afterloader unit(s) | etherapy unit(s) Gamma stereotactic radiosurgery unit(s) | | | | | |
| Fifth Section Complete one of the following for attestation a | ind signature: | | | | | |
| Authorized User: | | | | | | |
| I meet the requirements in 10 CFR 35.4 an authorized user for: | 90, 35.491, 35.690, or equivalent Agreement State requirements, as | | | | | |
| 35.400 Manual brachytherapy source | es 35.600 Teletherapy unit(s) | | | | | |
| 35.400 Ophthalmic use of strontium- | 90 35.600 Gamma stereotactic radiosurgery unit(s) | | | | | |
| 35.600 Remote afterloader unit(s) | 35.57 for 35.400 and/or 35.600 uses, as applicable | | | | | |
| | OR | | | | | |
| Residency Program Director (for 35.490 a | und/or 35.690 onlv): | | | | | |
| I affirm that the attestation represents th | ne consensus of the residency program faculty where at least one ho meets the requirements below or equivalent Agreement State | | | | | |
| 35.400 Manual brachytherapy source | es 35.57 for 35.400 uses | | | | | |
| 35.600 Teletherapy unit(s) | 35.57 for teletherapy unit(s) | | | | | |
| 35.600 Remote afterloader unit(s) | 35.57 for remote afterloader unit(s) | | | | | |
| 35.600 gamma stereotactic radiosurg | gery unit(s) 35.57 gamma stereotactic radiosurgery unit(s) | | | | | |
| I affirm that this faculty member concurs | s with the attestation I am providing as program director. | | | | | |
| I affirm that the residency training program | am is approved by the: | | | | | |
| Residency Review Committee of the Accreditation Council for Graduate Medical Education | | | | | | |
| Royal College of Physicians and Surgeons of Canada | | | | | | |
| Council on Postdoctoral Training of | Council on Postdoctoral Training of the American Osteopathic Association | | | | | |
| I affirm that the residency training program includes training and experience specified in: | | | | | | |
| 35.490 35.690 | | | | | | |
| Name of Facility: | | | | | | |
| License/Permit Number: | | | | | | |
| Name of Preceptor or Residency Program Director (Typ | ped or printed) Telephone Number Date | | | | | |
| | | | | | | |
| Signature | I | | | | | |
| | | | | | | |