

McMaster University
Hamilton, Ontario

HEALTH PHYSICS ADVISORY COMMITTEE

The minutes of an Ad hoc meeting held on February 08, 2021, via Zoom

Present: J. Valliant (Chair) J. Zic, C. Heysel, D. Cappon, C. Malcolmson,
D. Moscu, R. Cooke, J. Sebastiani, T. Farrell, S. Byun, B. Sheffield, M.
MacDonald

Guests: S. Kouri, S. Sadeghi

1. Approval of Agenda

Agenda was approved, all in favour

2. Approval of Minutes (February 08, 2020)

Minutes were approved, all in Favour

3. Approvals and Project Approvals/Renewals

3.1 CPDC-31 (High Level, Processing Licence MUCF-CPDC-10 (High Level, Class II MUCF Licence

Scale up plan for In-111 work in the Nuclear Research Building (NRB) and the Tandem Accelerator Building (TAB)

Processing of Ac-225 and In-111 radiopharmaceuticals (NRB)
Labelling Peptides with In-111 (TAB)

Approved, all in favour, J. Valliant abstained

3.2 JVF 15, 16 (Intermediate Level, Consolidated Licence)

**Revision of JVF-15 for milking of Ga-68 from Ge-68/Ga-68 Generator
Reactivation of JVF-16 for imaging with Ga-67 & Ga-68**

Imaging test articles (small molecules and proteins) in vitro and in vivo using Ga-68 and to practice radiochemistry optimization with chelators

Approved, all in favour, J. Valliant abstained

4. Other Business

4.1 MUCF-CPDC-9 Lu-177 Update

Attachment 4.1-HPAC Package

4.2 CANS Update – CANS-6 Work Update

Receiving Cell has been decontaminated to below release levels
Machining Cell has been decontaminated to below release levels,
except for the CNC Mill

Radiological Waste:

Solid waste has been transferred to the HP Annex

Swarf removed from the vacuum and the vacuum itself remain contaminated.

They are contained and remain in CANS.

4.3 HP Performance Reports (Time Permitting)

Performance Reports were reviewed.

4.4 Regulatory Inspections (Time Permitting)

CANS Type II Inspection (Nov 2020)

Findings:

NNC-1 -The licensee did not consistently require workers to use extremity
TLDs as required by the CANS-6 permit.

NNC-2 -The licensee did not follow the CANS-6 permit with respect to
radioactive waste handling and the removal of pressure tube swarf from the
CANS hot cells

NNC-3 -Training records for a contract worker conducting activities under
the CANS-6 permit were not available.

NNC 1 and 3 have been closed out during inspection period.

NNC 2 requires a revision to the Radiological Work Planning Procedure

CNSC requested written responses to final report Recommendations

5. Date of Next Meeting

May 06, 2021