

FINAL ASSESSMENT REPORT

Institutional Quality Assurance Program (IQAP) Review

UNENE Master's of Nuclear Engineering

Date of Review: November 12 – 13, 2013

In accordance with McMaster's Institutional Quality Assurance Process (IQAP), this final assessment report provides a synthesis of the external evaluation and the internal response and assessments of the University Network of Excellence in Nuclear Engineering (UNENE) Master's of Nuclear Engineering program. This report identifies the significant strengths of the program, together with opportunities for program improvement and enhancement, and it sets out and prioritizes the recommendations that have been selected for implementation.

This Final Assessment Report includes an Implementation Plan that identifies who will be responsible leading the follow up for the proposed recommendations; any changes in organization, policy or governance that will be necessary to meet the recommendations; and timelines for acting on and monitoring the implementation of those recommendations.

Executive Summary of the UNENE Master's of Nuclear Engineering Cyclical Program Review

The UNENE Master's of Nuclear Engineering is a cooperative program among five degree-granting institutions, namely McMaster University, Queen's University, University of Ontario Institute of Technology, University of Waterloo and University of Western Ontario (now Western University). In accordance with the IQAP, the Master's of Nuclear Engineering program submitted a self-study to the School of Graduate Studies on November 4, 2013. The self-study presented the program desc1cc1cc1cc1c1 6l 1 cB (s) n1c1c1 6uEron Novemh@progr3 4 4cm B 0.019000 T

Response: The program responded by stating that they do not have control over ADMI courses. ADMI courses are designed for a broad engineering audience. The UNENE Programme Director has, however, written to ADMI to see if ADMI has any interest in covering human factors.

Responsibility for following up: Programme Director

Timeline: Update at 18 month report

Recommendation #2: A new course could be added on the regulations, protection of the environment, security and safeguards.

Response: The Programme Director will design and propose such a course. UNENE has also started to discuss with COG, OPG, CNSC and UOIT to make sure the new course does not duplicate existing academic or ind Tf [(ac) 1 (adem) -5(i) 6(c) 1 () 6(or) 4 () 6() (UO) -1 (r) q0.24 0 0 0.24 23.8

