



RCF 21-02
March 31, 2021

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Re: Operations Report for the Rensselaer Polytechnic Institute Reactor Critical Facility, NRC License CX-22, Docket Number 50-225.

To Whom It May Concern:

This document constitutes an update for the calendar year (CY) 2020 Operations Report of the RPI RCF that was submitted to the USNRC, and to Rensselaer management on March 1, 2021.

The update is only for operational items 10 and 11 in the previous submission, and is detailed below:

10. Environmental monitor dosimetry is performed at the exclusion area fence (EM1 through EM4), and at the site boundary fence (EM5 and EM6). The environmental monitoring results are reported without background subtraction, and the accumulated dose to an off-site control monitor is reported separately. The sum of the quarterly control readings from 2020 was 144 mrem. The sums of the gross readings and net dose results for 2020 are:

	Gross [mrem]	Net [mrem]
EM1	127	0
EM2	132	0
EM3	125	0
EM4	121	0
EM5	123	0
EM6	130	0

11. Facility personnel exposures were all less than 10 mrem (the minimum detectable exposure) for all quarters of CY 2020.



Rensselaer

DEPARTMENT OF MECHANICAL,
AEROSPACE, AND NUCLEAR ENGINEERING

Sincerely,

Wei Ji

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cc:

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