



March 23, 2021

CIAR NO.: 81082  
e-Doc: 6506844

Mr. David Train  
Licensing Director  
Micro Modular Reactor Project  
Global First Power Ltd.  
270 Albert Street, Suite 403, Ottawa ON K1P 5G8

**Subject: Information package for GFP's preparation of the environmental impact statement (draft EIS)**

Dear Mr. Train,

The purpose of this letter is for Canadian Nuclear Safety Commission (CNSC) staff to provide Global First Power (GFP) documents to assist in the preparation of the draft the environmental impact statement (EIS) for the proposed Micro Modular Reactor (MMR) Project.

On July 16, 2020, the Commission issued the Record of Decision on the scope of the environmental assessment (EA) for the proposed MMR Project [1], whereby determining that the scope of the factors for the environmental assessment of the MMR Project proposed by GFP is to include the factors mandated in paragraphs 19(1)(a) to (h) of the *Canadian Environmental Assessment Act*, 2012 (CEAA 2012) with no additional factors.

Within the Record of Decision, the Commission directed CNSC staff to update the *Generic Guidelines for the Preparation of an Environmental Impact Statement pursuant to the Canadian Environmental Assessment Act*, version 1, (EIS Guidelines), published in 2016, to provide granularity with respect to what information would be covered within the scoping factors. To address the direction of the Commission, CNSC staff have recently published the EIS Guidelines, version 2 [2]. The document's structure has been modified to improve flow and for added clarity as it relates to the scoping factors extracts from relevant sections of the recently amended REGDOC-2.9.1, *Environmental Protection: Environmental Principles, Assessments and Protection Measures*, version 1.2 [3] and references to the Impact Assessment Agency of Canada's technical guidance and policies for CEAA 2012 were included in the revision.

GFP is to prepare the draft EIS and supporting technical studies in accordance with *Generic Guidelines for the Preparation of an Environmental Impact Statement pursuant to the Canadian Environmental Assessment Act*, version 2, as well in accordance with REGDOC-2.9.1, *Environmental Protection: Environmental Principles, Assessments and Protection Measures*, version 1.2 and REGDOC-3.2.2, *Indigenous Engagement*, version 1.1 [4]. As well, GFP may



refer to the CNSC's *Guidelines for the Preparation of the Environmental Impact Statement for Ontario Power Generation's Darlington New Nuclear Power Plant Project* [5] as it represents the most recent practice in conducting an EIS for a reactor facility project and is intended to provide additional information.

Should you have any questions, please do not hesitate to contact the Environmental Assessment Officer for the MMR Project, Aimee Rupert, directly by phone at 613-316-2087 or by email at [aimee.rupert@canada.ca](mailto:aimee.rupert@canada.ca).

Sincerely,

*NKwamena*

Dr. Nana-Owusua Kwamena  
Director, Environmental Assessment Division

**c.c.:** CNSC: C. Cattrysse, C. Carrier, C. Cianci, D. Miller, Rupert, A. Rupert, S. Herstead  
GFP: E. McGoey, R. Ahlan

#### References:

1. CNSC, August 2020, Record of Decision on the scope of the environmental assessment for GFP Micro Modular Reactor project <http://www.suretenucleaire.gc.ca/eng/the-commission/pdf/Decision-GlobalFirstPowerEAScoping-CMD20-H102-e-Final.pdf>
2. CNSC, 2020, REGDOC- 2.9.1, *Environmental Protection: Environmental Principles, Assessments and Protection Measures*, version 1.2  
<http://www.nuclearsafety.gc.ca/eng/acts-and-regulations/regulatory-documents/history/regdoc2-9-1.cfm>
3. CNSC, 2021, *Generic Guidelines for the Preparation of an Environmental Impact Statement pursuant to the Canadian Environmental Assessment Act*, version 2  
<http://www.nuclearsafety.gc.ca/eng/resources/environmental-assessments/ceaa-2012-generic-eis-guidelines/index.cfm>
4. CNSC, 2019, REGDOC-3.2.2, *Indigenous Engagement*, version 1.1  
<http://www.nuclearsafety.gc.ca/eng/acts-and-regulations/regulatorydocuments/published/html/regdoc3-2-2-ver1.1/index.cfm>
5. CNSC, 2009, *Guidelines for the Preparation of the Environmental Impact Statement for Ontario Power Generation's Darlington New Nuclear Power Plant Project* <https://iaac-aeic.gc.ca/050/evaluations/document/134719>