

November 8, 2016

NK21-CORR-00531-13202 NK29-CORR-00531-13689 NK37-CORR-00531-02655

Mr. B. Torrie
Director General, Regulatory Policy Directorate
Canadian Nuclear Safety Commission
P.O. Box 1046
280 Slater Street
Ottawa, Ontario
K1P 5S9

Dear Mr. Torrie:

Bruce Power comments on REGDOC-3.1.2, Reporting Requirements for Non-Power Reactor Class I Nuclear Facilities and Uranium Mines and Mills

The purpose of this letter is to comment on this document, which sets requirements and guidance for reports and notifications that licensees of Class I nuclear facilities and uranium mines and mills must submit to the CNSC.

Its scope is very similar to *REGDOC-3.1.1*, *Reporting Requirements for Nuclear Power Plants*, which Bruce Power commented on extensively during its own development period. The attached list of comments is based upon our operating experience with *REGDOC-3.1.1* and a collaborative review of this particular draft with our industry peers. Let me highlight two key points that emerged from this collective review:

- It is unclear what value is added by the requirement for an Annual Compliance Monitoring Report (Section 3) in REGDOC-3.1.2. Most requirements are similar to other required reporting.
- In some cases, it is recommended that the reporting timelines for the unscheduled reporting (Table A.1) be based on the significance of the event.
 This allows the administrative burden of reporting to be managed as applicable.

As always, we appreciate the opportunity to provide feedback and share our experiences to help the CNSC develop better regulatory documents. If you require further information or have any questions regarding this submission, please contact Mr. Maury Burton, Manager, Regulatory Affairs, at (519)-361-2673 extension 15291, or maury.burton@brucepower.com.



Yours truly

Frank Saunders

Vice President Nuclear Oversight and Regulatory Affairs

Bruce Power

cc: CNS

CNSC Bruce Site Office (Letter only)

Mr. K. Lafrenière - CNSC, Ottawa

Ms. K. Owen-Whitred - CNSC, Ottawa

Attach.

Reporting Requirements for Non-Power Reactor Class I Nuclear Facilities and Uranium Mines and Mills Bruce Power comments on REGDOC-3.1.2,

2.	i.	
General	General	Document section / excerpt of section
In some cases, all the reporting required will be addressed in the initial report. However, if a full report is required, it should be submitted 60 days following the submission of the preliminary report.	The Annual Report contents, as outlined in Section 3, are very similar to that required for a licence application and adds significant burden. This is contrary to the direction to reduce unnecessary burden. REGDOC-3.1.1 was developed to provide performance data for regulatory oversight while making use of existing practices. Reports should be limited to existing performance reporting.	Industry issue
Suggested change: CNSC should review Table A To change, where required, the column full Report in the table to, "Within 60 days-after becoming aware of the event (if required.)"	Industry would be happy to work with other stakeholders and CNSC to identify appropriate reporting requirements. Remove requirements for future plan, changes and facility descriptions. The Annual Report should be reconsidered to focus on performance. Once established, industry expects the content requirements to remain unchanged, except during the REGDOC revision process.	Suggested change (if applicable)
MAJOR	MAJOR	Major Comment/ request for clarification 1
Adds administrative burden with no benefit.	As written, this requires licensees to provide essentially a new application for each facility each year. This is a significant burden on licensees, with no improvement to safety or performance. Modifications to systems, documents etc. are provided to the regulator through other mechanisms, including the LCH notification process. Duplicate reporting adds significant burden for no improvement in safety. This will ensure consistency between licensees and regulatory certainty.	Impact on industry if major comment

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Preface, page i, 6th paragraph: "Licensees are expected to review and consider guidance; should they choose not to follow it, they should explain how their chosen alternate approach meets regulatory requirements. An applicant or licensee may put forward a case to demonstrate that the intent of a requirement is addressed by other means and demonstrated with supportable evidence."	General	Document section / excerpt of section
Guidance is meant to be guidance. If the licensee is required to meet guidance criteria (even by other means), then it is a requirement, not guidance.	Quoting sections from many other regulatory documents and acts adds confusion to the document. The reader must carefully review all of the referenced documents to understand the intent of each section and sections from Appendix A Table A. Since the sections are often partially quoted, they will be interpreted differently by different readers and increases the likelihood that information is taken out of context.	Industry issue
Change to: "Licensees are expected to review and consider guidance. should they choose not to follow it, they should explain how their chosen alternate approach meets regulatory requirements. An applicant or licensee may put forward a case to demonstrate that the intent of a requirement is addressed by other means and demonstrated with supportable evidence."		Suggested change (if applicable)
MAJOR	Clarification	Major Comment/ request for clarification ¹
Licensees note that a similar statement appears in all REGDOCs. It puts an unreasonable onus on licensees to demonstrate not just how requirements are met, but also how guidance is met.		Impact on industry if major comment

				Major	
	Document section / excerpt of section	Industry issue	Suggested change (if applicable)	Comment/ request for	Impact on industry if major comment
ў	Preface, paragraph 4	It is not clear how CNSC staff might use this	Delete	Clarification	
ŗ	This document will be used to assess new licence	applications or how evaluations of specific	Delete	Ciarification	
	applications for nuclear facilities and activities.	problems or data during the review of applications will be conducted.			
6.	Table of Contents	Appendix A does not sufficiently reflect the hierarchical structure of Table A.	Expand Table of contents – Appendix A accordingly.	Clarification	
7.	1.1 para 2	The requirement to report is unclear as to safety significance	Requirement to report situations or events of higher safety significance	Clarification	
<u>«</u>	1.2 Scope, page 1	These reporting requirements go beyond	Suggest using the wording from	Clarification	
	First paragraph: "This	just incorporating and clarifying the existing	REGDOC-3.1.1 "incorporates and	5.00	
	incorporates and clarifies	requirements.	which is more accurate.		
	requirements found in the NSCA and the regulations"				
9.	1.3 bullet 3	Missing provisions in the Act for extension of submission time for reports	Add "section 44 of the NSCA and section 29, 30 and 31 of the GNSCR	Clarification	
			contain provisions where the		
			submission time for full reports can		
***			be extended by the terms of a		
			licence condition."		

14. S2 Guidan	13. Section 2,	12. Section 2,	11. 1.3, page 3, last subsection 7.5(4) Nuclear Security Regulations state addition, section and subsection 4 stipulate other sirequiring notifica	10. 1.3, page 2, Re. subsecti paragraph 1 Class II Nucl and Prescrit Regulations	Доси	
S2 Guidance, page 4	Section 2, page 4 #4	Section 2, page 3, 1a	1.3, page 3, last point subsection 7.5(4) of the Nuclear Security Regulations states that; in addition, sections 21 and 36 and subsection 44(2) stipulate other situations requiring notification	1.3, page 2, last 2 bullets Re. subsection 17(1) and paragraph 19(2)(d) of the Class II Nuclear Facilities and Prescribed Equipment Regulations	Document section / excerpt of section	
Significance level is not addressed, facility specific reports are unclear (scheduled/nonscheduled/annual/ quarterly)	Why is 'immediate reporting' applied to all types of events?	Terminology revision	Section 7.3 of the Nuclear Security Regulations indicates that "Sections 7.4 – 38 apply in respect of high-security sites." While Appendix A Table A makes reference to applicability, the scope section does not limit how this regulation is applied. In effect the NSR are paraphrased in this document which could allow the requirement to be taken out of context.	Text is irrelevant to this document.	Industry issue	
"Make consistent with guidance from REGDOC 3.1.1	Replace reporting timelines by safety significance, same as in REGDOC 3.1.1 (section 2 – items 1-8, and 10)	Replace "an event or a situation" with "an event or a situation as set out in Table A of Appendix A".	Remove the bullet from section 1.3 or add disclaimer on limitation of scope for the reference.	Delete	Suggested change (if applicable)	
MAJOR	MAJOR	Clarification	MAJOR	MAJOR	Major Comment/ request for clarification 1	
Inconsistency given the risk profile of the facility with existing LCH/licence /REGDOC 3 1 1	Administrative burden on licensee and regulator due to immediate response requirement.		If not modified, sections of the Nuclear Security Regulations can be applied to facilities and sites they were not intended for.	Unnecessary administrative burden since this document is specific to Class I facilities.	Impact on industry if major comment	

20.	19.	18.	17.	16.	15.	
Section 2, page 5, Guidance, 2 nd last paragraph	Section 2, page 5, Guidance, 2 nd last paragraph	Page 5, Guidance, 1 st full paragraph" "Licensees using this option"	Section 2, page 4, Guidance, last bullet	Section 2, Guidance paragraph 3, page 4: In addition to the list above, the licensee may be required to file facility-specific reports, as described in their licence conditions handbook (LCH).	Section 2, page 4, Guidance para. 1	Document section / excerpt of section
Public disclosure should not be required until after it is determined that an event is reportable.	Public disclosure: some reportable events have no public interest element and should not be considered as an "input to their public disclosure protocol".	Redundant - the requirements are captured in LCH/Licence. The REGDOC should specify the requirement which the licensee will define how compliance is achieved	Terminology revision.	Some industry LCHs contain a comprehensive table of situations, events or dangerous occurrences which require reporting by the licensee to the CNSC. If the table will not be replaced with this REGDOC in the LCH, then it does not seem this REGDOC is necessary.	Terminology revision.	Industry issue
Revise to require to defer any public disclosure as per the licensee public disclosure protocol	Delete paragraph, licensees should adhere to their own public information programs.	Delete entire paragraph	Replace "an unplanned spill or release" with an "unplanned spill or release that is reportable under provincial or federal legislation"	REGDOC 3.1.2 should supersede all other current reporting requirements in the current regulatory framework.	Replace "licensing specialist" with "project officer"	Suggested change (if applicable)
MAJOR	MAJOR	MAJOR	Clarification	MAJOR	Clarification	Major Comment/ request for clarification 1
Administrative burden on licensee with no benefit. Expanding on licensing requirements	Administrative burden on licensee with no benefit. Expanding on licensing requirements	Accountability should remain with the licensee.		Duplicate burden and unnecessary inconsistency between licensees.		Impact on industry if major comment

2	2	
22.	21.	
Section 2, page 5, Guidance, 3 rd last paragraph	Section 2, page 5, Guidance, last paragraph Final paragraph: "Each report should be unclassified and Any information considered classified, protected, proprietary or personal should be submitted in accordance with the CNSC's Guidance Document on Confidential Filings." AND Page 5 S3, item 1	Document section / excerpt of section
"If the licensee determines"	The Guidance Document on Confidential Filings only applies to submissions made to formal Commission hearings for licensing decisions. It doesn't apply to reports generated by the REGDOC.	Industry issue
Change the first sentence "a full report may not be necessary" to "a full report is not necessary". Delete second sentence.	Delete this reference	Suggested change (if applicable)
Clarification	MAJOR	Major Comment/ request for clarification 1
	As written, this requirement may lead to an inadvertent public disclosure of classified, protected, proprietary or personal information. Creates confusion to refer to a document which has no application.	Impact on industry if major comment

32.	31.	
Section 4.2, page 7, item 11	Section 4.2, page 7, Guidance: "Licensees should include information that allows the report to be reviewed efficiently; for example: - identify updates and new or additional information from that provided previously - identify any further missing information and the date that the missing information will be provided to the CNSC - Identify the target completion date for each action that the licensee proposes to take to re-establish normal operations or to prevent a recurrence."	Document section / excerpt of section
This action is already achieved through the public information program of the licensee on an as needed basis.	Bullets 1 and 3 were determined to be unnecessary during the development of REGDOC-3.1.1.	Industry issue
Delete. Not all the reportable events are required to be disclosed to the public.	Remove bullets 1 and 3	Suggested change (if applicable)
MAJOR	MAJOR	Major Comment/ request for clarification 1
If not modified, this will set requirements in excess of the Public Information and Disclosure RD/GD	As written, the inclusion of these bullets is inconsistent with REGDOC-3.1.1 and could generate regulatory confusion/uncertainty.	Impact on industry if major comment

				Major	
	excerpt of section	Industry issue	Suggested change (if applicable)	request for clarification 1	
33.	Section 4.3, page 8	Action Level Reports are discussed in Section	Delete Section 4.3.	Clarification	
	Action Level Reports	4.3 and Table A.1 #13.			
34.	Page 9, Appendix A	Why is 'immediate reporting' applied to all	Replace reporting timelines by safety	MAJOR	Administrative burden on licensee
	introduction	types of events? Events with low safety	significance, same as in REGDOC		and regulator due to immediate
		significance should not require immediate reporting	3.1.1 (section 2 – items 1-8, and 10)		response requirement.
35.	Table A throughout	Timing for preliminary report does not	Specify: High safety significance	MAJOR	Adds administrative burden with no
		distinguish between significant and non-	situations or events require an		benefit
		significant events	immediate preliminary report.		
			Where reporting of lower		
			significance events is required, allow		
			for 5 day reporting		
36.	Table A throughout	For Full Reports:	Suggested change:	MAJOR	Adds administrative burden with no
		 In some cases, there may no additional 	For most situations, change the full		benefit
		information available or required.	report requirement in the table to		
		The due date for submission of the full	"Within 60 days (if required)"		
		report should be based on the date the			
		preliminary report was submitted.			

	Document section / excerpt of section	Industry issue	Suggested change (if applicable)	Major Comment/ request for clarification 1	Impact on industry if major comment
41.	Table A: No. 3a) and 3b)	 For some events there may no additional information available or required. 	Change full report in the table to "Within 60 days (<i>if required</i> ").	MAJOR	Adds administrative burden with no benefit
		 The due date for submission of the full report should be based on the date the preliminary report was submitted. 			
42.	Table A: No. 4	Add in geographical limits for site boundary.	Guidance	Clarification	
			Any death within the exclusion zone or the licensed area (whichever is larger) or as defined in the LCH,		
			regardless of time intervening		
			between injury or illness and death, will be reported.		
43.	Table A: No. 5	60 days is required for full report	Add "(if required)" and delete "after becoming aware of the event".	Clarification	
44.	Table A, No. 8	Guidance for s. 29(1)(f) of GNSCR: lists enumerated events that may have no serious adverse effects.	Remove enumerated list.	MAJOR	If intention is to require reporting of all enumerated events then it would create administrative burden; if the
					intention is to only require reporting of events with a serious adverse effect then it creates uncertainty.
45.	Table A: No. 9	Title of the section includes Class II equipment	ls it applicable?	Clarification	

50.	49.	48	47.	46,	
	9.	œ	7.	6.	
Table A: No. 11 Specific reporting provisions The licensee shall report on all other situations or events that are not	Table A: No. 10	Table A: No. 9	Table A: No. 9 c)	Table A: No. 9 a) and b)	Document section / excerpt of section
This section acts as a catch all clause. Clarification needed to make it subjective to the opinion of the licensee.	No reference to an appropriate clause in the NSCA or Regulations is provided. This should Reference NSCA 24(5).	In many cases, these sources or devices are held under a separate licence and may not be included under the Class I or UMM licence. Reporting for devices must be done in accordance with the appropriate licence and Nuclear Substance and Radiation Devices Regulations	Concerns Class II equipment	60 days is required for full report	Industry issue
Change wording of "Specific reporting provision" to add: Subject to the opinion of the licensee, the licensee shall report on all other situations or events that are not otherwise specified in this document	Add applicable section(s) of the NSCA or regulations made under the NSCA: 24. (5) A licence may contain any term or condition that the Commission considers necessary for the purposes of this Act, including a condition that the applicant provide a financial guarantee in a form that is acceptable to the Commission.	Clarify that these reporting requirements only apply if these are held under the Class I or UMM licence	Is it applicable?	Add "(if required)" and delete "after the day on which the licensee becomes aware of the event".	Suggested change (if applicable)
MAJOR	Clarification	MAJOR	Clarification	Clarification	Major Comment/ request for clarification 1
Adds administrative burden and uncertainty with no benefit		Adds administrative burden with no benefit			Impact on industry if major comment

	Document section / excerpt of section	Industry issue	Suggested change (if applicable)	Major Comment/ request for clarification 1	Impact on industry if major comment
	otherwise specified in this document but can be reasonably assumed to be		but can be reasonably assumed to be of regulatory interest, including notifications and situation or event		
	of regulatory interest, including notifications and situation or event reports to other regulatory		reports to other regulatory agencies within the scope covered by the objects of the Commission (see section 9 of the NSCA).		
	to other regulatory agencies within the scope covered by the objects of		section 9 of the NSCA).		
	the Commission (see section 9 of the NSCA).				
51.	Table A: No. 10 & 11	Timing of reports should depend on significance level of situation or event	Change to: immediate for significant or 5 business days for low significant levels. Full report due in 60 days (if required)	MAJOR	Adds administrative burden with no benefit
52.	Table A: No. 12a; Full Report column	If a full report is required, it should be submitted 60 days following the submission of the preliminary report	Delete "after becoming aware of the event" and add "if required".	Clarification	
53.	Table A: No. 12b	The guidance has a typographic error. Refers to a section that does not exist in this table	Fix error	Clarification	
54.	Table A, No. 13a	Reporting times for uranium mines and mills action levels are set out in code of practice.	Add the following guidance: <i>Uranium mines and mills licensees are to follow the reporting procedures referenced in the environmental protection program code of practice if an action level is reached (refer to IMMMR 4/2) for the contents of a</i>	MAJOR	Leads to uncertainty in requirements

		where a hazard to the health, safety and security of persons and the	בין אטווא מא וטמוומ ווו אבטטטכ-1.1.2 אבי		
benefit		Immediate reporting is required only	a hazard to health safety and security of		
Adds administrative burden with no	MAJOR	Add to guidance:	Reporting is not required where there is not	Table A: No. 16 and 17	60.
benefit	Clarification	becoming aware of the event".	oo days is required for fair report	able A. NO. 10	33.
) definition of the second of		Add ":	for the included in this document.	Table A: No 16	50
Duplication of reporting	MAJOR	Delete requirement	A requirement for class II Facilities snould	Table A: NO. 15	o.
			A	TOPIO AS NO AS	50
			and Nuclear Substance and Radiation Devices Regulations		
		licence	licence. Reporting for devices must be done in accordance with the appropriate licence		
		held under the Class I or UMM	be included under the Class I or UMM		
requirements		requirements only apply if these are	held under a separate licence and may not		
Duplication of reporting	MAJOR	Clarify that these reporting	In many cases, these sources or devices are	Table A: No. 15	57.
		levels. Full report due in 60 days (if required)	impact		
benefit		or 5 business days for low significant	significance level of the environmental		
Adds administrative burden with no	MAJOR	Change to: immediate for significant	Reporting time should be based on	Table A: No. 14	56.
		of event reporting, failure to monitor is more appropriately considered in the context of programmatic failure.			
		where justified is not considered failure to monitor. For the purpose	considered failure to monitor.		
	Cidillication		single missed sample where justified is not		
	Clarification	Add to Guidance: For item h)	REGDOC-3 1 1 Table A 1 #72 clarifies that	Table A: No. 14	22
		proposed code of practice)"			
comment	request for clarification 1	Suggested change (if applicable)	Industry issue	excerpt of section	
	Major			Document section /	

		I duidtioii i isks.		
		2006] where the term is restricted to		
		Principles [IAEA Safety Standards Series,		
		(IAEA's) document SF-1, Fundamental Safety		
		conflicts with the definition in the		
Clarification	Remove reference to the IAEA SF-1	The definition of 'safety significance'	Glossary	65.
clarification 1				
request for	Cabbococca cuange (a abbucance)		excerpt of section	
Comment/	Suggested change (if applicable)	Industry issue	Document section /	
Major				