

Randy Hillman

Dear Mrs Rebecca Colvin,

First, thank you for asking for Alaska Public Comments on Siting of Microreactors or Small Modular Reactors (SMR) in Alaska.

I am writing in Full Support in having SMEs in Alaska with Oversight. I believe that SMRs are the answer to many of Alaska's Power Needs now and in the Future. They are scalable in the number of SMRs that could be connected to provide power needed, i.e. obtain One (1) SMR unit then additional SMRs as needed.

I was a Nuclear Physics student before Vietnam and was part of the US Navy's Nuclear, Biological, Chemical (NBC) warfare team.

Considerations for the Regulations for Siting of Nuclear Microreactors or SMR's.

1. Posting online all documentation of Monthly Radiation Checks filed with ADEC's Department of Environmental Health. Employee will be assigned a number such as a payroll number and that would appear on the online report filed with ADEC, i.e. No Names. All employees must be a Nuclear Power plant full or part-time worker and be part of a union, such as Labors International Union of North America, LIUNA/OCAW, IBEW, AFL-CIO, etc.
2. Consideration of Secondary Waste Heat (not radioactive water) from cooling to be used in floor heating in new construction. That water would be monitored and filed with ADEC.
3. Provide in the Regulations a process of Inspection from one of the Nuclear Federal agencies or International Atomic Energy Agency (IAEA).
4. Follow all Federal Regulations with a cutoff date before start of construction, i.e., if actual construction of the site was started, it would not be subject to the new regulations posted on April 25, 2023.
5. The requesting user(s) would provide a payment into an Special State of Alaska account for any Cleanup needed if the requesting user(s) is no longer in business, Alaskan Super Cleanup Fund. Furthermore, those funds can be Only used for cleanup of Nuclear issues, not for Alaska general operating funds, and further consideration if the user(s) is a Public Utility.
6. The management of Spent Nuclear Fuel will be still, in whole or in part, the Liability of the requesting user(s) and the Nuclear Fuel Disposal Company, with documentation filed with ADEC. No Spent Nuclear Fuel will be Stored in Alaska other than on the SMR's site and only for no more than Eight (8) months. Further consideration if the user(s) is a Public Utility and again on site storage limited to only Eight (8) months.
7. The management of Spent Nuclear Fuel Disposal Company must be bonded, insured and on DOE's approved for handling Spent Nuclear Fuel.

Thanks again your consideration,

Fr. Randy Hillman

Valley Anglican Mission

Palmer - Wasilla Area

St. Andrew's Anglican Church

Anchorage

Colvin, Rebecca A (DEC)

From: Randy Hillman <randyhillman2010@gmail.com>
Sent: Saturday, April 29, 2023 1:04 AM
To: Colvin, Rebecca A (DEC)
Cc: Jesse Sumner - Alaska State Rep; George Rauscher; Cathy Tilton - State Representative Dist 12; bbref; Shower, Michael (LEG); Shelley Hughes - State Senator - Palmer; Rick Whitbeck - Dir Power The Future
Subject: Public Comments on Siting of Microreactors or Small Modular Reactors (SMR) in Alaska. 936

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