



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

August 15, 2014

Mr. Aladar Stoltmár
Szabadság tér 3
B 5. Lőrinci HU 3021
Hungary
e-mail: astolmar@gmail.com

Dear Mr. Stoltmár:

I am responding to your correspondence to the U.S. Nuclear Regulatory Commission (NRC) on June 14, 2014, in which you propose regulatory changes to prevent “the ignition of [a] firestorm in the reactor core of PWR [pressurized-water reactor] or BWR [boiling water reactor] caused by any diverse initiating events.”

We have carefully reviewed your request and have concluded that the information provided does not meet the Commission’s criteria for a petition for rulemaking under Title 10 of the *Code of Federal Regulations* 2.802(c). Your letter does not clearly explain the term “firestorm.” Also, your letter does not provide arguments or a rationale and technical information supporting your view that a “firestorm” is a problem at nuclear power plants. In addition, your letter does not explain why the NRC’s existing regulatory requirements are insufficient or why a rulemaking is the best way to address the problem of a “firestorm.” In this regard, we note that your letter does not explain why the NRC’s requirements with respect to core cooling and emergency core cooling systems are inadequate or insufficient from the standpoint of safety. Finally, your petition does not clearly explain the technical requirements of a proposed rule—beyond those requirements already covered by the NRC’s existing regulations—to address (preclude or mitigate) a “firestorm” at a nuclear power plant. In this regard, we note that your letter also suggests that the NRC adopt a rule requiring analysis of “severe accidents.” However, in other places, your letter suggests that requirements should be added to require a “system” for direct venting of steam, gravity injection of coolant in a manner to allow coolant to flow upward through the core, and sufficient coolant reserves.

If you wish the NRC to consider your request that the agency amend its regulations, you must supplement your correspondence of June 14, 2014, with information that addresses the deficiencies with your petition, as we have described in the prior paragraph. This information must be received by the NRC within 90 days of the date of this letter, or your request will not be docketed as a petition for rulemaking.

A. Stólmár

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If you have any questions, please contact Cindy Bladey, Chief, Rules, Announcements, and Directives Branch, Division of Administrative Services, Office of Administration, by calling 301-287-0949 (toll-free at 1-800-368-5642), or by e-mail to Cindy.Bladey@nrc.gov.

Sincerely,

/RA Michael R. Johnson for/

Mark A. Satorius
Executive Director
for Operations

Enclosures:

1. Petitioner's Letter to the NRC Dated
June 14, 2014
2. Title 10 of the *Code of Federal
Regulations* 2.802(c)

A. Stoltmár

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Petitioner's Letter to the NRC Dated June 14, 2014

Enclosure 1

Title 10 of the *Code of Federal Regulations* 2.802(c)

Enclosure 2