POOR ORIGINAL

8005230 718

Distribution: Central Files SD Rdg/Alpha R. J. Jones FPSSB Rdg/Subj K. G. Steyer R. G. Smith G. A. Arlotto

5.

R. B. Minogue R. E. L. Stanford

MAR 21 Sen

Mr. R. B. Pope North American Coordinator PATRAM 190 Sandia Laboratories Albuquerque, N.M. 37115

Dear Mr. Pope:

SD Task No .: N/A

Enclosed is an abstract of a proposed paper for PATRAM '80:

"The Development of the U.S. Regulatory Base Covering the Storage of Spent Fuel in an ISFSI"

I suggest that this subject could be placed in either of two sessions:

"Regulatory Work and Standards

Shipment, Intermediate Storage and Handling of Spent Fuel and Radioactive Wastes

Sincerely,

Russell E. L. Stanford Fuel Process Systems Standards Br. Division of Engineering Standards Office of Standards Development

L-+-11P1.72

Enclosure: Abstract of Proposed Paper

					-
OFFICE	SD:FPSSB	SD: EPSSB	SD :MSS	SD:ES	
	het le and the	KGSteyer	RJJapes	GAArtotto	
DATE	2/10/00	3/2//80	3/21/80	3/ 180	

•	PATRAM '80 - Abstract Form
Title	The Development of the U. S. Regulatory Base Covering
	Spent Fuel Storage in an Independent Spent Fuel Storage Installation
	Affiliation(s) of Author(s), Russell E.L. Stanford
Name(s) and	The United States Nuclear Regulatory Commission
	•
Principal Au	thor's Address Washington, D.C. 20555
, incipation	Country U.S.A. Telex No: 710-824-0414
And and and and a super-super-	• Telephone: <u>301/332-5910</u>
Topic: Regulator	Type of Presentation O O O O Language Eng. French/German
it was re	cognized that more specific regulatory guidance was needed, about mid-1974.
Regulat applicati ments, in U.S. Depa detailed A new r for the S addition, various a	ory Guide 3.24 was issued in December, 1974. It covered the license on, siting, design and plant protection for an ISFSI. Subsequent develop- cluding generic environmental impact statements by both the NRC and the rtment of Energy, indicated the need for a firmer regulatory base and more guidance. egulation has now been developed - 10 CFR Part 72, "Licensing Requirements torage of Spent Fuel in an Independent Spent Fuel Storage Installation." In the following supporting guides, topical reports, and standards deal with spects of this subject:
Regulat applicati ments, in U.S. Depa detailed A new r for the S addition, various a - H - M - M	<pre>cognized that more specific regulatory guidance was needed, about mid-1974. ory Guide 3.24 was issued in December, 1974. It covered the license on, siting, design and plant protection for an ISFSI. Subsequent develop- cluding generic environmental impact statements by both the NRC and the rtment of Energy, indicated the need for a firmer regulatory base and more guidance. egulation has now been developed - 10 CFR Part 72, "Licensing Requirements torage of Spent Fuel in an Independent Spent Fuel Storage Installation." In the following supporting guides, topical reports, and standards deal with spects of this subject: G. 3.44, "Standard Format and Content for the SAR on Spent Fuel Storage n An ISFSI - Water Basin Type" UREG/CR-0163, "Comments on Fuel Crud as a Safety and Operational Factor of Independent Spent Fuel Heatup Following Loss of Water During Storage" UREG/CR-0668, "An Evaluation of Potential Chemical/Mechanical Degradation Processes Affecting Fuel and Structural Materials Under Long-Term Water Storage" UREG/CR-0956, "Commentary of Spent Fuel Storage at Morris Operation"</pre>
Regulat applicati ments, in U.S. Depa detailed A new r for the S addition, various a - N - N - N - N - N	<pre>cognized that more specific regulatory guidance was needed, about mid-1974. ory Guide 3.24 was issued in December, 1974. It covered the license on, siting, design and plant protection for an ISFSI. Subsequent develop- cluding generic environmental impact statements by both the NRC and the rtment of Energy, indicated the need for a firmer regulatory base and more guidance. egulation has now been developed - 10 CFR Part 72, "Licensing Requirements torage of Spent Fuel in an Independent Spent Fuel Storage Installation." In the following supporting guides, topical reports, and standards deal with spects of this subject: L.G. 3.44, "Standard Format and Content for the SAR on Spent Fuel Storage n An ISFSI - Water Basin Type" UREG/CR-0163, "Comments on Fuel Crud as a Safety and Operational Factor of Independent Spent Fuel Heatup Following Loss of Water During Storage" NUREG/CR-0649, "Spent Fuel Heatup Following Loss of Water During Storage" NUREG/CR-0668, "An Evaluation of Potential Chemical/Mechanical Degradation Processes Affecting Fuel and Structural Materials Under Long-Term Water Storage" NUREG/CR-056, "Commentary of Spent Fuel Storage at Morris Operation" NUREG/CR-1233, "Dry Storage of Spent Nuclear Fuel" NNSI Standard N 46.2, Rev. 1, 1978, "Quality Assurance Program Require- ents for Pout Reactor Nuclear Fuel Cycle Facilities" NNSI Standard N 57.7, "Design Criteria for an Independent Spent Fuel</pre>
Regulat applicati ments, in U.S. Depa detailed A new r for the S addition, various a - H - M - M - M - M - M	<pre>cognized that more specific regulatory guidance was needed, about mid-1974. ory Guide 3.24 was issued in December, 1974. It covered the license on, siting, design and plant protection for an ISFSI. Subsequent develop- cluding generic environmental impact statements by both the NRC and the rtment of Energy, indicated the need for a firmer regulatory base and more guidance. egulation has now been developed - 10 CFR Part 72, "Licensing Requirements torage of Spent Fuel in an Independent Spent Fuel Storage Installation." In the following supporting guides, topical reports, and standards deal with spects of this subject: G. 3.44, "Standard Format and Content for the SAR on Spent Fuel Storage n An ISFSI - Water Basin Type" UREG/CR-0163, "Comments on Fuel Crud as a Safety and Operational Factor of Independent Spent Fuel Heatup Following Loss of Water During Storage" NUREG/CR-0668, "An Evaluation of Potential Chemical/Mechanical Degradation Processes Affecting Fuel and Structural Materials Under Long-Term Water torage" NUREG/CR-056, "Commentary of Spent Fuel Storage at Morris Operation" NUREG/CR-1233, "Dry Storage of Spent Nuclear Fuel" NNSI Standard N 46.2, Rev. 1, 1978, "Quality Assurance Program Require- ments for Pout Reactor Nuclear Fuel Cycle Facilities"</pre>

....

*

.

Mail with 16 copies and two self addressed gummed address labels. Do not fold. Use cardboard backing when mailing,

.