

Dr. K. Arzj  
Department of Physics  
Harvard University  
Cambridge, MA 02138

Dear Dr. Arzj:

You requested three articles:

- (1) Chemical Equilibria for Accidents in Pressurized Water Nuclear Reactor Systems. P. E. Potter and H. N. Rand, CALPHAD, Vol. 7, p. 165-74, 1983.
- (2) Chemical Aspects of the Behavior of Water Reactor Fuel; Water Reactor Fuel Element Performance Modelling. J. H. Gittus, Applied Science Publishers, Barking, England, p. 19-36, 1983.
- (3) Degraded Core Analysis of the Sizewell PWR: A Sensitivity Analysis of the Radiological Consequences. C. M. Kelly, et al., National Radiological Protection Board Report, NRPB-R 142, 1983.

I have been able to locate the third reference which is enclosed. When I locate the remaining articles, I will forward them to you.

Also enclosed is an article about the removal of iodine from a containment building using a spray system:

Calculation of Iodine Removal by Spray in LWR Containment Vessels. M. Mishio and M. Tanaka. Journal of Nuclear Science and Technology, 16(11), p. 823-37, November 1979.

Sincerely,

8507130075 850415  
PDR FDIA  
ALVAREZ85-110 PDR

Christopher P. Ryder  
Accident Source Term Program Office  
Office of Nuclear Regulatory Research

Enclosures: As stated

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