N16. Recent Experience With Zinc Injection

Excerpts from EPRI NP-6708: "The concept of injecting zinc to reduce radiation buildup of BWR piping has progressed from the initial operating plant correlations of size years ago to the operating plant implementation of today. Six BWRs have implemented zinc injection. Results to date indicate that the low dose rates predicted by the laboratory tests are being achieved. Zinc injection should now be considered a verified process for controlling radiation buildup in the BWR. With the development of a passive addition system and a source of zinc depleted in Zn-64, zinc injection will be even easier to perform and of greater benefit in the future."

For more, see ""Progress in Radiation Control Technology," H. Ocken and C.J. Wood (Editors), EPRI NP-6708, February 1990 (Electric Power Research Institute, Palo Alto, CA).