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August 9, 1985

Director, Office of Nuclear Reactor Regulation
Attention: Mr. George W. Knighton, Branch Chief
Licensing Branch No. 3
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-206, 50-361 and 50-362
San Onofre Nuclear Generating Station
Units 1, 2 and 3

The Southern California Edison Company (SCE) has identified a requirement to solidify certain wet radioactive wastes. Currently SCE has NRC approval to use Nuclear Packaging Inc. (NuPac) for dewatering spent resins and Chem-Nuclear Inc. for solidification of wet radwaste. As stated in our letter dated May 1, 1985, which requested approval for use of the NuPac dewatering process, SCE has replaced Chem-Nuclear Inc. with NuPac as the supplier of wet radwaste treatment services at San Onofre Nuclear Generating Station (SONGS) Units 1, 2 and 3. Thus Chem Nuclear, Inc. will not be used for solidification services.

NuPac is a subsidiary of Pacific Nuclear Services Inc. (PNSI). PNSI has developed solidification and encapsulation processes. The solidification system is described in PNSI Topical Report No. TP-04, Revision 0, "Portable Solidification System", submitted in April 1985 for NRC approval. The excapsulation process is described in PNSI Topical Report No. 3006-D-102, "Envirostone Cement Encapsulation of Radioactive Filter Elements", dated November, 1983. Both processes use Envirostone as the solidification medium. Use of Envirostone for solidification of various waste forms is covered in United States Gypsum's Topical Report on Envirostone Gypsum Cement 10 CFR 61 Compliance Testing, dated May 1984.

SCE requests NRC approval for use of PNSI for solidification and encapsulation of wet radwaste at SONGS 1, 2 and 3 in accordance with the above noted topical reports. SCE requests approval by November 1, 1985 to facilitate processing and shipment of certain wet radwastes before potential burial site limitations take effect in 1986.

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If you have any questions regarding this request, please call me.

Very truly yours,

M O Medford

cc: Mr. J. A. Zwolinski, Branch Chief, Operating Reactors Branch No. 5
Mr. R. F. Dudley, NRC Project Manager, San Onofre Unit 1
Mr. H. Rood, NRC Project Manager, San Onofre Units 2 and 3 (to be opened by addressee only)
Mr. F. R. Huey, Senior Resident Inspector, SONGS
Mr. J. B. Martin, Regional Administrator, NRC Region V