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INTEROFFICE CORRESPONDENCE

Date: April 15, 1986

To: S. R. Smith

From: S. N. Stanisich SNS

Subject: BERYLLIUM (Be) RESIDUE IN SHIPPING BOXES - SNS-17-86

Ref: T. J. Macdonald ltr to S. N. Stanisich, TMac-08-86, April 14, 1986

Shipping boxes that contained Beryllium parts for the Advanced Test Reactor (ATR) were sampled for Be residue. A Gillian personal air sampler was used to collect residue on a 0.8 micron, mixed cellulose ester filter. Two random samples were collected by "vacuuming" areas of the box bottom. Samples were sent to the Industrial Hygiene Lab for analysis (see attached). Sampling results are listed below:

Area Sampled	Be in grams	Be g/box
3 ft.^{2}	5.0×10^{-5}	5.3×10^{-4}
2 ft.^{2}	1.0×10^{-6}	1.6×10^{-5}

Conversations with environmental safety personnel confirmed that Be residue at these levels are acceptable for disposal at the landfill site (per telecon with J. M. Riddell 4-3-86). Therefore, once the containers are sealed they can be removed to the landfill.

lr

cc: R. L. Billau
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