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Task: Allegation A-264-1

Reference No.: 4-84-A-06-146

Characterization: The allegor stated that accurate material traceability on instrument tube track could not be provided.

Assessment of Allegation: During his testimony, the allegor provided copies of ten warehouse requisitions pertaining to 4"x4"x1/4" tube steel and 4"x3"x1/4" angle steel. These requisitions had been given to him by an unnamed document control clerk in response to his question regarding traceability of instrument tube track material. Because these requisitions referenced heat numbers for the material issued, and because the tube track material installed did not contain heat number identification, his concern was that required traceability was not maintained.

A review of the purchase orders referenced on the ten warehouse requisitions indicated that this material was structural steel (specified to be ASTM A-36). A review of purchase orders for tube track material, indicated the tube track material was 2"x2".098" angle or 2"x2"x2"x.098" channel (specified to be ASTM A-569 or A-570). Therefore, it was concluded that the material referenced on the ten warehouse requisitions was not tube track material and could not have been inadvertently used as such.

ASTM specifications A-569 and A-570 both refer to ASTM A-568, Section 2 for "General Requirements for Delivery." The provisions of this section do not require a unique heat number identification stenciled or stamped on the steel for this type of material. In addition, a detailed review of Contract W3-NY-15, "Installation of Pneumatic and Electronic Instrumentation and Performance of Related Work," Rev. 1, dated April 4, 1978, and Instruction IC-1, "Instruction for Erection of Instrumentation Systems," Rev. 1, dated April 1, 1978, did not require unique heat number traceability for tube track material to the point of installation.

The NRC staff concludes that this allegation has neither safety significance nor generic implications.

Potential Violations: None

Actions Required: None

