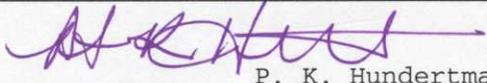
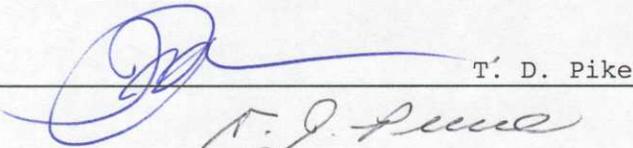
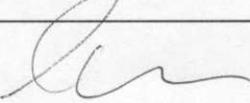


Engineering Change Request/Notice		Number	E	038-0002
Number of attached pages		0		
Project	MACS	Affected Release Number(s):		
Originator	Collin Broholm	I	038-0008	S R
Date	February 27, 2004	I		S R
Scope				
New options for materials in the beam choke box				
Purpose				
The beam choke box length was reduced to the point where a different materials choice is possible. This change request opens up the option of using solid slabs rather than poured wax.				
Description				
In section 2.5.3 of S038-0008 change item 2 from steel shot in wax to "steel shot in wax or steel". In the same section change item 3 to "Either of the following options: a) B4C powder and wax. b) Minimum 10% boron loaded high density polyethylene encased to avoid the escape of embrittled polyethylene."				
Impact (add more sheets if necessary)				
Performance	Schedule	Budget		
The change in materials requirements has little if no effect on performance as the elemental composition is similar to before. The change is requested to provide a solid slab option that might simplify design and manufacturing of the shorter choke box.	The change may allow a simplified design and manufacturing process and so it could help to reduce time to delivery.	The change may make the choke box cheaper to design and manufacture.		
Change Board (from Release)		Disposition	<input type="checkbox"/> approved	<input type="checkbox"/> disapproved
1	 P. K. Hundertmark	6	E 038-0002	
2	 T. D. Pike	7		
3	 D. J. Pierce	8		
4	 C. L. Broholm	9		
5		10		