



- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
  2. DIMENSIONS ARE IN INCHES
  3. DIMENSIONS APPLY AT TEMPERATURE OF 20-30°C (68-86°F)
  4. DRAWING DEPICTS FINAL MACHINED STATE OF PART DEFINED BY PRO/ENGINEER FILE SE124-037.PRT
  5. APPROXIMATE WEIGHT= 0.11 lbs

**RELEASED FOR  
FABRICATION / INSTALLATION**  
 PPPL Drafting:

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	GHJ	3/3/05									

SE124-037	AR	- 1	VERTICAL UPPER SUPPORT STUD	A286 NICKEL ALLOY		I
SE124-037	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FINI NO
			NEXT ASSEMBLY	PARTS LIST		

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**P** THIS DRAWING PRODUCED ON PRO-ENGINEER

SCALE	NOTED	DES	PAUL MILLER	08/17/04
TOLERANCES UNLESS OTHERWISE SPECIFIED		DRW	PAUL MILLER	08/17/04
FRACTIONS		CHK	J. M. RAY	04-07-05
XX DECIMALS ±.01		SECT		
XXX DECIMALS ±.005		DEPT		
ANGLES ±0°15'		PE		
BREAK SHARP EDGES .04 MAX		CR		
FINISH UNLESS OTHERWISE SPECIFIED		PJ		
		REQ		
		DRPP	DRFT	
		DRAWING APPROVALS	DATE	

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee PROJECT NAME							
<b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>							
<b>VERTICAL UPPER SUPPORT STUD DETAIL</b>							
VERSION NO.	PLANT	BLDG	FL	SHT	TYPE	CLASS	
5	X-10	5700	3	1	S	U	
RELEASE LEVEL				SE124-037			
Fabrication				REV 0			