actually do the testing. They have a high resolution detector design (10 lp/mm) which they would incorporate into a system, but would not sell it as a component.

They are interested in development contract and prototype work. A program like the Trident prototype might cost around $400k, while they have done prototypes for as little as $10k.

May 5 1983 BDH TFI Corp., New Haven CT

I met with Gary Burroughs, (Marketing Mgr.) and James Stamatien (Computer Systems). TFI is allied with Andrex in Copenhagen, and all their CT work is done in Copenhagen. Their main business here is mfg and sale of filmless radiography systems, and a microfocus tube. They had only a few examples of CT which were not too impressive, and didn't know any of the details (detector type, etc.)

May 12, 1983 JWG, BDH Aerojet Strategic Propulsion Co., Sacramento, CA.

This was the "official christening" of the AF/ACTS-I CT scanner (Fig. 3). There were 3 "shows" on consecutive days for military, other government, and industry. We were invited on the "industry" day. (L. W. Dahlke, SNLL div 8444, also attended.) Many of the other contacts we had made were there also, and several of the "follow-ups" mentioned above were made here. The contract provides for technology transfer, and this meeting came under that heading.

Gary Cawood, Aerojet program manager, began by giving an introduction to Aerojet, and an overview of the program. The program began in 1981, and is a 46 month program. The goal is to build, and test in a production environment, two systems, the smaller of which was on display here. The program team members and their responsibilities are:

Aerojet: Provide the source, the facility to house the systems, and operate them in a production environment.

ARACOR: Provide the detector array, system electronics, and reconstruction hardware and algorithms.

Eimeldingen: Provide fixture and handlers.

System I uses a 420 Kv X-ray source, and is capable of scanning objects up to 1 m diameter and 2.5 m tall, weighing up to 2,5 ton. System II is to use a 15 Mev linatron, and be capable of scanning objects up to 2.5 m diameter and 5 m