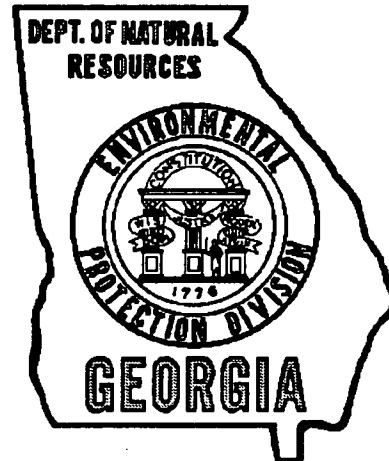




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FAX NO.: (404) 362-2653
PHONE NO.: (404) 362-2675

Date: December 2, 1993

Please deliver the following pages to:

Name: Jukka Perrento

Organization/Department: TAPID Technologies, Inc

Phone: 011 358-04354 3126

Sent By:

Name: Bill Stocumb

Organization/Department: DNR/EPD

Phone: (404) 362-2675

This transmission is a total of 2 pages, with the cover letter being page one. If you do not receive all pages or if problems arise during transmission, please call Bill Stocumb at (404) 362-2675 immediately.

NOTE: The information you had requested

GEORGIA DNR RADIOACTIVE MATERIALS FEE SCHEDULE AS OF DECEMBER 1993

License Category: Distribution of General Licensed Device (no source or device evaluation)

Application Fee:	\$1900.00	Renewal Fee:	\$940.00
Amendment Fee:	\$290.00	Routine Inspection Fee:	\$690.00
Non-Routine Inspection Fee:	\$690.00		
Annual Fee:	Nominal \$1400.00	Small Entity	\$600.00
		Lower Tier	\$135.00

License Category: Industrial Manufacturing for Distribution

Application Fee:	\$1300.00	Renewal Fee:	\$2300.00
Amendment Fee:	\$550.00	Routine Inspection Fee:	\$1000.00
Non-Routine Inspection Fee:	\$2000.00		
Annual Fee:	Nominal \$1500.00	Small Entity	\$600.00
		Lower Tier	\$135.00

License Category: Device Evaluation

Device Evaluation Fee:	\$3300.00	Renewal Fee:	0
Amendment Fee:	\$1200.00	Routine Inspection Fee:	0
Non-Routine Inspection Fee:	0		
Annual Fee:	Nominal \$2100.00	Small Entity	\$600.00
		Lower Tier	\$135.00

SOUTH CAROLINA RADIOACTIVE MATERIALS LICENSE FEES AS OF DECEMBER 1993

Specific License to Distribute Devices Containing Radioactive Materials
\$325.00 per year

NOTE: Recommend that you contact the state of South Carolina Radiation Control Program'S Radioactive Materials Licensing Division at (919) 571-4141 for additional information regarding fees and obtaining application forms.

Georgia Department of Natural Resources

205 Butler Street, S.E., East Floyd Tower, Atlanta, Georgia 30334

Joe D. Tanner, Commissioner
Harold F. Reheis, Director
Environmental Protection Division

MEMORANDUM

TO: File

FROM: Bill Slocumb

DATE: November 19, 1993

SUBJECT: Discussions on November 19, 1993 Regarding Maximum Activity of Pm-147 for the TAPIO Basis Weight Sensor Model BW-2h55

These discussions were in regard to the maximum activity that would be indicated on the "Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device" for the Model-BW-2h55 TAPIO Technologies, INC. BASIS WEIGHT SENSOR. This was due to a visit to Valmet's office on 11/18/93 in which the label on the source housing indicated the source was assayed on May 12, 1989 and contained 200 millicuries of Pm-147. I calculated the activity on 11/19/93 to be approximately 61 millicuries of Pm-147. Also, I went back to the file to try and determine if this was the same source that was used when ATLAN-TECH, INC. performed the radiation profile on the TAPIO Model BW-2h54 Basis Weight Sensor which was the predecessor to the Model BW-2h55 as indicated in the report dated 10/21/92 prepared by Robert E. Burns, Jr. This report did not indicate the assay date of the source(Pm-147) used in the device when the profile was performed. I, also, called ATLAN-TECH,INC., and found out that Mr. Burns was no longer there. I talked with a Mr. Hicks and explained that I was trying to determine the assay date of the source used in the device when ATLAN-TECH,INC. performed the profile. He said he did not work on the project but would try to see if he could find this information in their files. Based on my calculations if the same source with an assay date of May 12, 1989 had been used when this profile was performed the approximate activity of Pm-147 would have been 87 millicuries.

Mr. Dennis Hughes of Valmet had tried to contact Finland with regard to our concerns as to whether a profile had been conducted with a 200 millicurie source, and if the current source strength would be sufficient for their customer's purpose. Mr. Hughes was unable to reach anyone to discuss the matter. He ask me what was the maximum source strength that we would approve at the present time. I told Mr. Hughes based on the current information we would approve 65 millicuries of Pm-147. Mr. Hughes reluctantly accepted the maximum activity of 65 millicuries but felt they needed to proceed with trying to ship the device to the customer's facility.