

May 15<sup>th</sup> 2012

- Testimony before US International Trade Commission
- Presenter Gordon F Scott Facility Manager Forever Green Recycle, Inc. (FGR) Chantilly, VA facility
- We at FGR are against the export of used electronic equipment; such escrap primarily ends up in 3<sup>rd</sup> world countries, whose environmental laws are not stringent enough to properly protect the environment. For some chilling examples Google "High Tech Trash" and article that ran in January 2008 in National Geographic Magazine and check out "Amazing pictures of China's pollution. Please see links below <http://ngm.nationalgeographic.com/2008/01/high-tech-trash/carroll-text> <http://www.chinahush.com/2009/10/21/amazing-pictures-pollution-in-china/>
- The 2<sup>nd</sup> reason that we strongly favor the restriction of escrap is that by dismantling the equipment to its commodity level, i.e. aluminum, circuit boards, copper, metal, plastic, steel and other reusable commodities you can actually create numerous jobs (depending on the volume of escrap) in most inter cities and counties in the US. These jobs do not require a high level of skill and can be used as a training vessel to help politicians deal with the chronic unemployment problem that exist in so many of these communities. (Play PowerPoint Presentation).
- I am 63 years old and presently I have 4 grandsons 5 or under. In 1953, gas averaged \$.22/ galleon. I filled up yesterday, and paid \$4.39 in DC. By properly recycling electronic equipment you affectively save 1 barrel of oil for every pound of escrap recycled, In addition, just recycling 1 aluminum can saves enough energy to run a Flat screen TV for 8 to 10 hours, depending on its size. So, at the end of day, recycling is a "Win win Situation" for society as a whole and our environment benefits greatly by the reduction of renewable assets and reduced a carbon foot print.
- Escrap contains numerous "Rare Earth Metals" that now primarily mined in China, who in the past year, tried to limit the export of these metals to other countries. This control of these metals can greatly affect our industry including the Defense Department, so it is in our strategic interest to "MINE THESE MATERIALS" through recycling of old electronics and hand held devices.
- Finally, the escrap market is made of many small mom and pop recyclers. The EPA and the Department of Commerce just announced (May 14, 2012) a New Effort to Boost U.S. Jobs, Environmental Technology Initiative to create American jobs in the growing environmental industry. "They noted that this industry generates approximately \$312 billion in revenues, with a market of more than \$800 billion. Presently this growing industry employs nearly 1.7 million Americans and includes 60,000 small businesses across the country." As one of those small businesses what we need is a set of guidelines, rules or regulations that ban the export of this equipment in its original form. This would mandate the proper disassembly of this scrap; thereby creating a multiplier effect for employing individual in need of work, who have limited job skills.

- Presently, there are 25 states that have rules concerning how escrap is handled and 25 that don't. This distortion in regulation has created "strange circumstance", such as Virginia (VA) CRT TV's being processed by individual in California (CA). The reason being is that CA pays its escrap recyclers \$.32/pound to process said TV and VA pays nothing, thereby creating distortions in the market.
- Thank you for allowing me to testify and I am available to answer any questions to the best of my abilities.

Best regards,

Gordon F Scott

Forever Green Recycle, Inc.

[www.forevergreenrecycle.com](http://www.forevergreenrecycle.com)



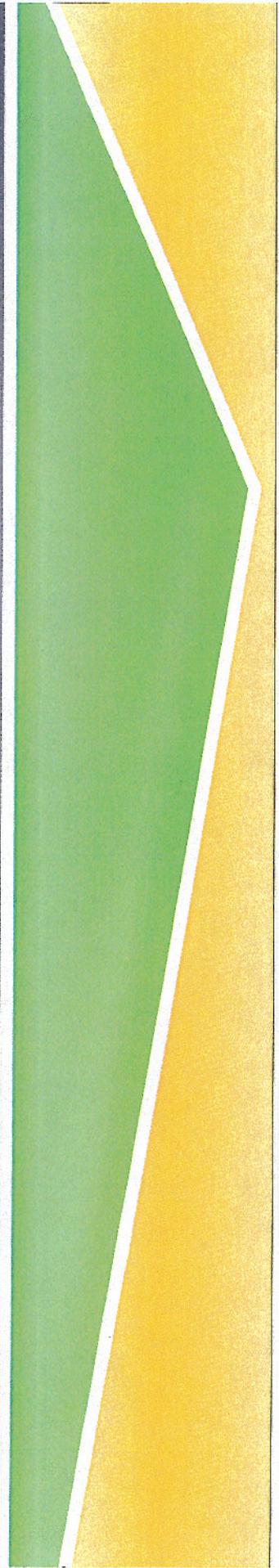
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# E-SCRAP DISMANTLING PROCEDURES

## CRT & CPU Dismantle Lines



# CRT DISMANTLE LINE



**FOREVER GREEN**  
By Way of Recycling



# CRT MONITORS



**FOREVER GREEN**

By Way of Recycling

# PROCESSING



**FOREVER GREEN**  
By Way of Recycling



# PROCESSING



# TAKING OFF BACK COVER



# BARE CRT TUBE SEPARATED



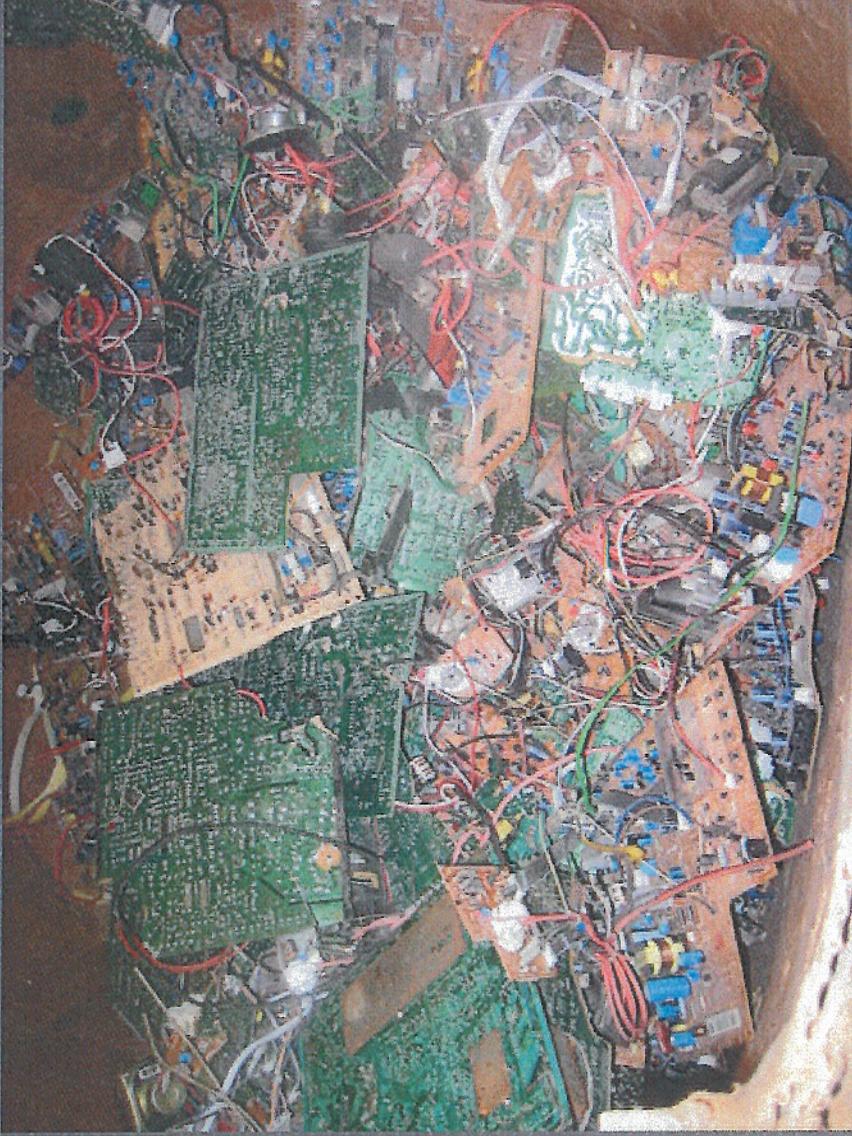
**FOREVER GREEN**  
By Way of Recycling



# RESIDUALS - ABS



# RESIDUALS – TV BOARDS



# RESIDUALS – CABLES & WIRES



**FOREVER GREEN**  
By Way of Recycling



# RESIDUALS - YOKES



# RESIDUALS - ALUMINUM



# BALING ABS



# BALING – ABS



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# ABS BALED



# CPU DISMANTLE LINE



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# CPUs



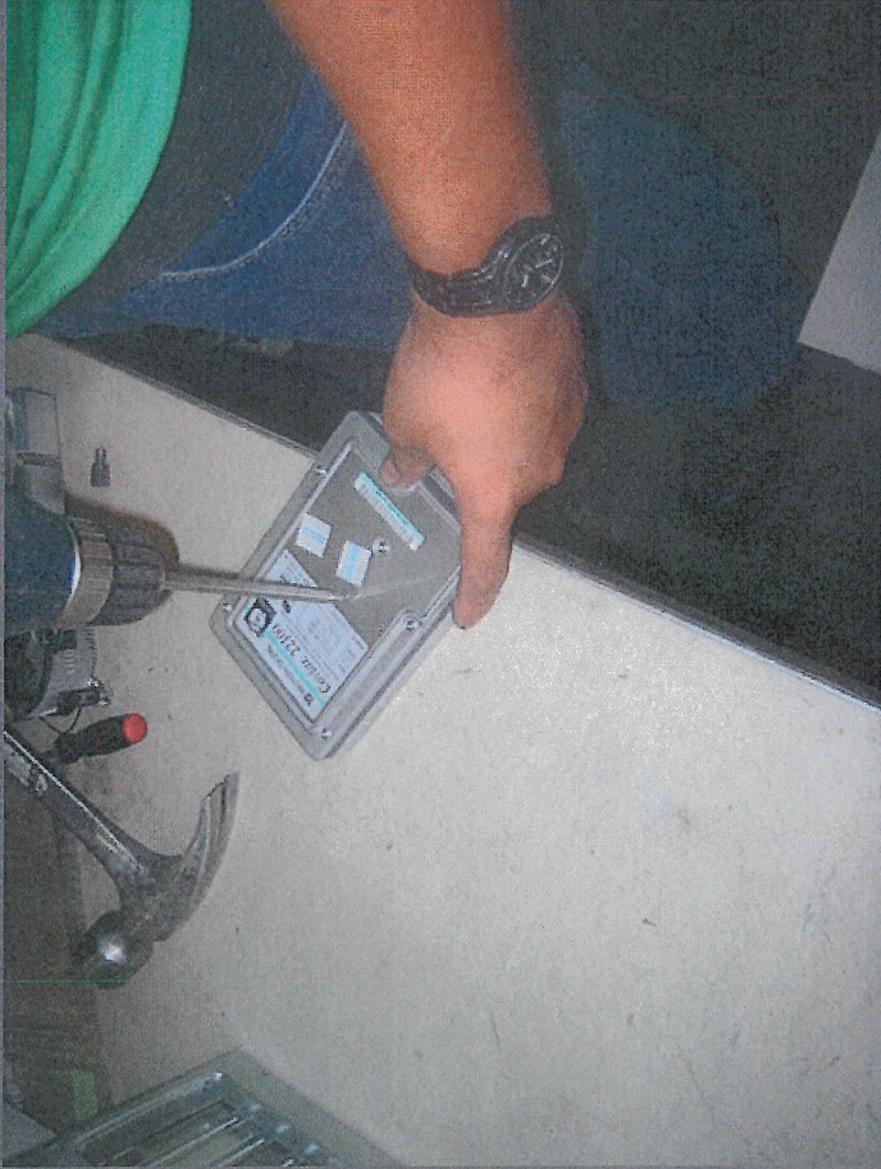
# TAKING APART



**FOREVER GREEN**  
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# DESTROYING HARD DRIVE



# RESIDUALS – COMPUTER WIRES



# RESIDUALS – POWER SUPPLIES



# RESIDUALS – CD/DVD ROM DRIVES



# RESIDUALS – MEMORY CARDS



# RESIDUALS - CPUs



# RESIDUALS – HEAT SINK



**FOREVER**

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# RESIDUALS – MOTHER BOARDS



# RESIDUALS - ABS



# RESIDUALS - STEEL

