Project Name: **Dosimeter Badge**
Customer: EH&S-Dosimeter Group
Date: 8/30/2001 to present
Project team members:

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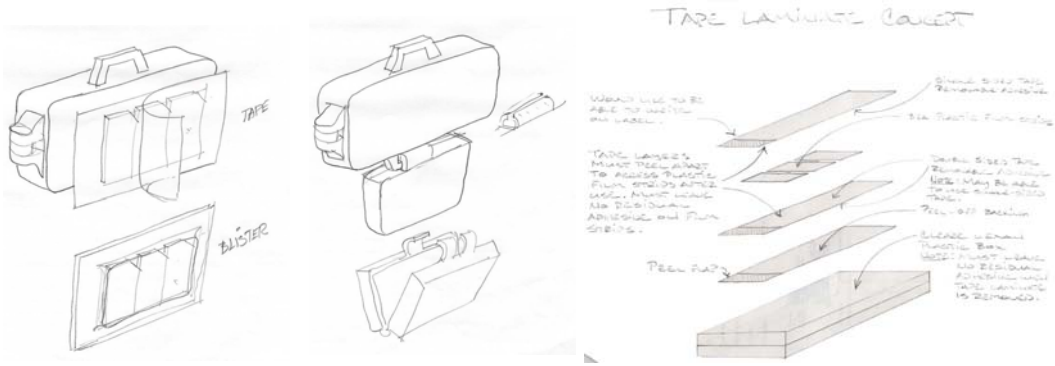
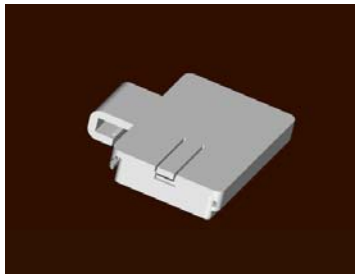
DESIGNWORKS

Project:

Thermoluminescent Dosimeters (TLD) are commonly used to quantify radiation exposure. EH&S has a need to add neutron monitoring to the current TLD package by using "Neutron Foils" to detect exposure. DesignWorks was asked to design a solution that would package the "Neutron Foils" with the existing badge.

Capabilities Applied:

- Team approach to concept ideas
- Solid modeling
- Rapid prototyping
- Material analysis
- Work with "Converter vendor"

The Process:

DesignWorks brainstormed several concepts and prototyped three solutions. After presentation to the customer, the "Tape Laminate" design was selected as the initial design solution. The production prototype is now in development.