

BROOKHAVEN NATIONAL LABORATORY
NATIONAL SYNCHROTRON LIGHT SOURCE

MEMORANDUM

DATE: November 11, 2004

TO: NSLS Staff and Beamline members

FROM: Nicholas F. Gmür, NSLS ES&H Coordinator

SUBJECT: Process Knowledge Certification Form
(gmur/d:/mydocuments/esh.dir/PKCFmem2.doc)

The BNL Radiological Control Division procedure entitled, "Release of Materials from Areas Controlled for Radiological Purposes" provides guidance for the release of materials from radiologically controlled areas. This Subject Area assures that radioactive material is controlled at the source and that material leaving a radiologically controlled area is assessed to determine if it is contaminated or activated. This is done using a "[Process Knowledge Form](#)" (PKF) and relies on your knowledge of the material you are shipping offsite or sending to other groups on site.

For the purposes of the NSLS and DUV-FEL, we do not anticipate that material has the potential to be contaminated or activated unless that material;

- a) Has been in contact with any of the linac or storage ring vacuum chambers;
- b) Is a radioactive source;
- c) Has been inside a Contamination Area;
- d) Contains a radioactive source as part of its components;
- e) Contains hazardous materials or regulated substances;
- f) Was obtained from another location with unknown history.

If your material is none of the above (a - f) and you check NO in the box(es) at the top of the PKCF, then sign & date under "Clean Material", and attach the PKCF to the material you are shipping offsite or sending onsite that requires such a form.

If your material has been in any of the above locations (a - f) and you check YES in any of the box(es) at the top of the PKCF, follow the instructions given on the PKCF.

Contact the Radiological Control Division staff if you need a radiation survey of your material:

Rudy Zantopp (x5565, pager 631-453-6244)
Earle Edwards (x6389, pager 631-453-6286)
Nate Foster (x5496, pager 631-252-8178)

Contact John Aloï (x7018, pager 5212) if you need guidance about hazardous waste disposal.