

Appendix B. Using the *Food Residue Translator* to Import OPCRA Data Files

LifeLine Version 2.0 allows the user to directly import existing dietary files. Dietary files are imported into the *Food Residue Translator* by the following steps:

- When the *Food Residue Translator* opens, the user is prompted to select the Food Consumption Survey to be used with this analysis. There are two surveys in the model, the 1989-91 Continuing Survey of Food Intake by Individuals (CSFII 89-91) and the 1994-96 Continuing Survey of Food Intake by Individuals with the 1998 Children's Survey additional survey (94-98), all by the US Department of Agriculture. For the OP Cumulative Risk Assessment, the (94-98) Survey is used.
- A screen is presented which displays an area into which the assessor could enter information about the residues in crops, crop groups or individual food forms of the commodities. This field is not used now, and will be filled in automatically as the RDF files are imported. Also on this screen are a series of buttons representing choices for what season is to be represented by the residue information being entered into the system. The EPA files in the RDF are all annualized residue files, thus limiting the option for this analysis to "Annual".
- By clicking on the taskbar "File", a drop down menu is presented. Select "Convert/Import Crop Residues/Factors".
- A "Property Page" appears which presents another choice: Type I files or Type II files to be imported. Type II files are the OPCRA.R98 organizational files created for the OP assessment. Type I files are formatted differently for previous versions of DEEM™ and Calendex™ not using the current FCID Translation files. Translation Files are discussed below. Choose "Type II"
- A browser option allows the assessor to locate the OPCRA.R98 file and the associated their RDF files. Note the OPCRA.R98 and RDF must be stored in the directory. Import the OPCRA.R98 file into the window and all the RDF files will begin loading. The information about the residues on crop group/crops/food forms, processing factors and other modifying factors will now automatically load into LifeLine's *Food Residue Translator* which will be visible in the fields for those parameters.
- Select the option to calculate food residues, and the module will use the imported information to create distributions of residues in the CSFII food items that arise from the residues, processing factors, and use factors using a probabilistic model. Those food residue distributions can be viewed in the Output screens. One can also view only the food containing the highest residues (base on the 100th percentile of the food's residue distribution).