

MEMORANDUM TO: Arnold E. Levin, Director
Applications Development Division
Office of the Chief Information Officer

FROM: Mabel F. Lee, Director
Program Management, Policy Development,
and Analysis Staff

SUBJECT: FY 2001 CAPITALIZED SOFTWARE SURVEY

Provided below is the RES response to the FY 2001 OCIO capitalized software survey. Based on information from CFO staff, we understand it is the intent, as it was last year, to not include scientific software in this survey. Therefore, we did not include in our review software used by RES staff to perform various complex engineering and scientific calculations. We did, however, include various databases which gather and provide access to engineering and scientific information. The update that follows includes suggestions for adding and deleting software to the existing list of capitalized software.

- During FY 2001, RES did not purchase, develop, or have under development any new nonscientific software with a projected cost of \$50K or more.
- The following suggestions refer to our review of the form Summary of Capitalized Software for RES (Attachment 1):
 - Add software titled Radiation Exposure Information and Reporting System (REIRS) to the summary table (Attachment 1). NRC has used REIRS, with continuing improvements, for more than ten years to compile and report occupational radiation exposure. Attachment 2 is the completed Automated Data Processing (ADP) Software Acquisition Survey form for REIRS. Since REIRS builds, in part, on commercial software, we included the cost of the commercial software in Block 11 of Attachment 2.
 - Delete scientific software titled (1) Pipe Fracture and (2) Seismic Data Analysis and Event Selection (SDAES) from the summary table (Attachment 1). RES staff use both software to perform complex engineering calculations. Pipe Fracture is a compendium of analytical tools and data which NRC staff use to predict the integrity of nuclear power plant piping. SDAES is a software tool used to analyze seismic records to gain information on seismic loadings at nuclear power plants.
 - Delete software titled Performance Indicators from the summary table (Attachment 1) since the identified cost of \$45.7K is lower than the \$50K minimum for inclusion in the table.

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- Incorporate several updates penned on the existing summary table (Attachment 1). These updates identify the present project manager, the updated costing when the software is still being developed, and whether the software is operational and there have been major enhancements.

If you have questions, or need more information, please contact me (415-0139), or Gilbert Millman (415-5843) of my staff.

Attachments:
As stated

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