

Team Exercise Instructions 3/17

TVA Regional Stewardship Council TEAM EXERCISE INSTRUCTIONS

Purpose of the Exercise

The purpose of this exercise is to allow the Council to explore among its members their shared understanding of how TVA's varied stewardship responsibilities are integrated. The exercise also simulates the conditions under which the advisory Council will actually work and the subject matter that will be under consideration; that is, considering TVA policies by drawing on its own resources and making choices about how the Council wishes to use TVA expertise.

Instructions

- 1) The facilitator will assign you to a team.
- 2) Pick someone from your group who will record your team's conclusions on a flip-chart and someone who will serve as a reporter back to the full group.
- 3) Each team will analyze the possible impacts of a make-believe, but theoretically possible, TVA policy change. You will be asked to give a report back to the full Council on the impacts of the policy change upon flood control, navigation, power supply, water quality, recreation, and land use. You aren't expected to come up with exact numbers or definitive answers but you should offer some conclusions about the key linkages among different TVA resource stewardship elements.
- 4) Describe the impacts you believe your actions would have upon each of the following:
 - flood control
 - land use
 - navigation
 - power supply
 - recreation
 - water quality

A summary worksheet is provided.

- 5) You have been provided with a CD-ROM titled *The Tennessee Valley Watershed*, which includes an interactive exercise that addresses the integration and balances of water use of the TVA river management system.
- 6) There are also subject-matter experts from TVA representing TVA's River System Operations and Environment functions. They will provide you with assistance with the computer simulation and any other information needs you might have.
- 7) Be ready to give a 5-6 minute report on your team conclusions at 11:30.

SUMMARY WORKSHEET

POLICY CHANGE ASSIGNED TO YOUR TEAM

ACTIONS YOU WOULD TAKE TO IMPLEMENT THIS POLICY

IMPACTS UPON FLOOD CONTROL

IMPACTS UPON LAND USE



IMPACTS UPON NAVIGATION

IMPACTS UPON POWER SUPPLY

IMPACTS UPON RECREATION

IMPACTS UPON WATER QUALITY



POLICY CHANGES

1. Optimize reservoir levels for recreation, tourism and economic development around the tributary reservoirs.
2. Generate the greatest possible amount of hydropower from the system.
3. Provide the optimal water quality for aquatic life.
4. Maximize the amount of navigation flowage that can be obtained from the system.