

**MEMORANDUM FROM JEFF YEO**  
**Wilderness Research Center and**  
**Department of Fish and Wildlife Resources**  
**University of Idaho**  
**(208) 885-5779**

**DATE:** February 21, 1992  
**TO:** Ray & Chris  
**SUBJECT:** stuff  
**CC:** file

---

First, my standard litany: I'm incredibly busy and I'm sorry that I haven't responded sooner. Enough of that.

1. Please mail me all the aerial photos we have there. That includes all the duplicates, different years, etc. We've put together a satellite image of the entire FCRNR with resolution to 80 m. We need the satellite photos for checking purposes and the different years will allow comparisons of different times of year and different ages of fires. I need these as soon as you can get them out to me.
2. Edgar van der Grift, a graduate student from the Netherlands, will be flying in there about 4 April. He'll stay the entire summer. I'd like him to work with you on the sheep project and see some of the country. He's got a strong background in ungulate food habits. I'll be in touch with you on particulars as April approaches.
3. I've ordered the additional solar panel as well as a fuse box, negative bus, and 2 wall mount 12VDC receptacles. We'll need some #10 wire (sunlight resistant) to hook in the solar panel as well as wiring everything into the fuse box and bus. The folks at Real Goods say our battery set-up is



(STRENGTH)

fine. The charge controller should come on when battery voltage gets down to 12-12.5 volts (max. voltage = ~14.5). Battery voltage should never drop below 11.5 volts. So take a look at that and if you still feel the charge controller is no good, I'll get another one. From what they told me, the solar panels are hooked in parallel. I'm having all this shipped directly to you so if you have any questions about set-up call me and I'll get the info.

4. article on battery maintenance enclosed.

5. go ahead and send the letter about the water system to Real Goods. Eventually, we'll need to put in a purification system and that would work well with what you've proposed. We will not get support from the Forest Service for a new water system off the ranch but we may be able to work with the existing water box locations. So it's best that we get as much info and alternative ideas as we can. Thanks for concocting this.

5. I'm glad the sheep work seems to be going well. I appreciate the lack of panic calls and messages (assuming that there's no need for panic calls and messages, which assumes that you know what you're doing and I will be eternally pleased with your efforts). Still no response for analyzing nutrient content.

6. I've ordered propane lamps (12) for the new cabin. You should be getting them sometime in March. I figure 1 to each bedroom and bathroom, 2 in the middle room and the rest for the big room. Next year I'll order a complete solar



system for the new cabin with lights, so the propane will serve as back-up and possibly for winter use. (also, I need to order vents for both bathrooms).

7. Roy Kirkpatrick and one James M. Peek may be descending on you briefly in March sometime. Roy is a distinguished professor from the wildlife dept. at Blacksburg. James M. Peek is a reprobate from Viola, Idaho. Once I get the particulars, I'll let you know.

8. Nothing else I can think of. Hopefully, you're both getting your paychecks in a timely fashion as well as per diem monies. Let me know if there's problems. Also, remind me if there's anything else we've talked about that I'm forgetting. My life the past 2 months has been frenzied and I'm mostly responding to each day as it comes. Thanks very much for taking the initiative on everything.